



Resurfacing

DESIGN AND PERMITTING

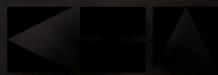
FROM CR 48 TO SR 50

RFQ # 016-0-2011/AT

prepared for



prepared by



Kinley-Horn
and Associates, Inc.

TR470103.11



Resurfacing

DESIGN AND PERMITTING
FROM CR 48 TO SR 50



August 30, 2011

Ms. Amanda Taylor
Procurement Coordinator
7375 Powell Road, Suite 206
Wildwood, FL 34785

1823 SE Fort King Street
Suite 200
Ocala, FL 34471-2517
Tel. (352) 438-3000

Re: C-469 Resurfacing Design and Permitting from CR 48 to SR 50; RFQ #016-0-2011/AT

Dear Ms. Taylor:

Kimley-Horn and Associates, Inc. (KHA) understands that, particularly in this economy, Sumter County is looking for a proactive consultant team experienced in problem solving, reducing design costs, preserving project schedule, and preparing accurate construction cost estimates. The KHA team is more than qualified to deliver your C-469 Resurfacing Design and Permitting project, and we will ensure that these important measures are in place to give you the most successful results. We are confident that our extensive highway and stormwater design experience, significant project knowledge, technically qualified staff, cost-effective approach, and demonstrated commitment to serving Sumter County will result in a highly implementable plan for this project.

A team you know. As you will see by our team organization, I have included many of the KHA staff currently finalizing the C-462, C-466, and C-466A projects. This will assure you a smooth continuation of the excellent service the County is accustomed to from KHA. I will serve as your project manager and main point of contact. As the County has already experienced, it only takes one phone call and my team is ready to serve you on any assignment. To assist on these projects, KHA will partner with two local subconsultants who also have significant experience working in Sumter County, **Central Testing Laboratory, Inc.** and **Farner Barley & Associates, Inc.** We have worked with these partners successfully on past Sumter County projects and will oversee their efforts in a seamless manner.

A team that knows this project. We first began helping Sumter County plan for this project earlier this year. At the request of County staff, KHA assisted the County to shape the scope and budget that was used to prepare the advertisement for this RFQ. I am very familiar with this corridor and the issues associated with the desired pavement rehabilitation project. We have already assessed the field conditions of the project corridor with our subconsultant partners, and we understand the task at hand, as demonstrated in our project approach.

Effective coordination and communication. Our approach for this project will focus on enhanced communication, coordination, and delivery of quality services to the County. Coordination is absolutely vital for the success of this project. The improvements will involve multiple stakeholders including the Southwest Florida Water Management District, Florida Department of Transportation, Sumter County, and City of Center Hill, and the residents and businesses that utilize C-469. KHA will handle all coordination between the various parties to ensure that all interested groups are informed regarding the status of the improvements at all times.

Understanding FDOT procedures. Much of Kimley-Horn's public sector work in Florida is provided for the Florida Department of Transportation, and therefore, we have a thorough understanding of FDOT requirements and expectations. Kimley-Horn can deliver a product that achieves FDOT approval. Our proven ability to address County and FDOT funded improvement projects provides the County with a solid local resource that understands the County's preferences and can design

a project to meet the more stringent FDOT requirements. In addition, KHA is experienced in working with the FDOT LAP funding process and gaining approval of the construction plans without having to prepare them to the level of detail that FDOT would require for a state highway project. We demonstrated this to you most recently with the approval of the C-466W resurfacing project plans.

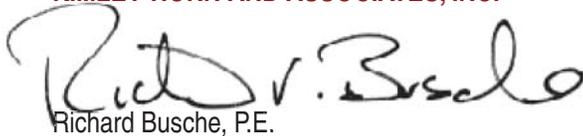
Local project leadership. Our project team has unmatched experience delivering quality projects in Sumter County. We have successfully performed many similar projects for Sumter County (C-462, C-466W, C-466A), where the Ocala office KHA team directed these projects. Our team has a proven track record working together on challenging projects with critical timelines in Sumter County and the City of Wildwood.

Valuable public participation. With a long-established practice in the Sumter County area, we understand the importance of involving citizens in the decisions being made within the community and providing proper public involvement support. Working closely with the community is essential to ensure community support and maintain the confidence of the residents as the project progresses towards completion. We have maintained a personal commitment to provide the County and its residents with locally sensitive public involvement support on our prior projects for Sumter County. You will recall the very successful public meetings that KHA oversaw in the past 12 months for C-462, C-466W, and most notably C-466A. We understand how to effectively accomplish any level of public involvement desired by the County.

Experience and qualifications promote trust. Kimley-Horn has a tremendous local team with enormous resources and a very successful track record. We are committed to giving you the extra effort necessary for your project's success. We pledge to keep this project within budget and on schedule. I personally commit to you a team that will be available, attentive, and dedicated to exceeding your expectations.

Very truly yours,

KIMLEY-HORN AND ASSOCIATES, INC.



Richard Busche, P.E.

Project Manager/Vice President



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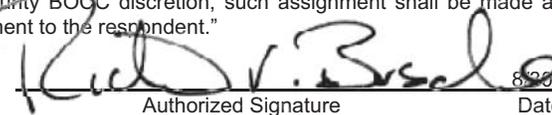
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Resurfacing
DESIGN AND PERMITTING
FROM CR 48 TO SR 50

Required Qualifications and Documents

PROPOSER’S CERTIFICATION

Submit To: Sumter County Board of County Commissioners 7375 Powell Road Wildwood, Florida, 34785 Phone 352-689-4400 Fax 352-689-4401	SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS REQUEST FOR QUALIFICATION (RFQ) CERTIFICATION AND ADDENDA ACKNOWLEDGMENT			
DUE DATE: August 31, 2011	DUE TIME: 10:00 am	RFQ # 016-0-2011/AT		
TITLE: C469 RESURFACING DESIGN AND PERMITTING FROM CR 48 TO SR 50				
VENDOR NAME: Kimley-Horn and Associates, Inc.	PHONE NUMBER: 352-438-3000			
VENDOR MAILING ADDRESS: 1823 SE Fort King Street, Suite 200	FAX NUMBER: No fax			
CITY/STATE/ZIP: Ocala, FL 34471	E-MAIL ADDRESS: richard.busche@kimley-horn.com			
“I, the undersigned, certify that I have reviewed the addenda listed below (list all addenda received to date). I understand that timely commencement will be considered in award of this RFQ and that cancellation of award will be considered if commencement time is not met, and that untimely commencement may be cause for termination of contract. I further certify that the services will meet or exceed the RFQ requirements. I, the undersigned, declare that I have carefully examined the RFQ, specifications, terms and conditions as applicable for this Request, and that I am thoroughly familiar with all provisions and the quality and type of coverage and services specified. I further declare that I have not divulged, discussed, or compared this RFQ with any other Offeror and have not colluded with any Offerors or parties to an RFQ whatsoever for any fraudulent purpose.”				
_____	_____	_____	_____	_____
Addendum #	Addendum #	Addendum #	Addendum #	Addendum #
“I certify that this quote is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting an RFQ for the same material, supplies, equipment or services and is in all respects fair and without collusion or fraud. I agree to abide by all conditions of this RFQ and certify that I am authorized to sign this response and that the offer is in compliance with all requirements of the RFQ, including but not limited to certification requirements. In conducting offers with an agency for Sumter County Board of County Commissioners (BOCC), respondent agrees that if this RFQ is accepted, the respondent will convey, sell, assign, or transfer to the Sumter County BOCC all rights, title and interest in and to all causes of action it may now or hereafter acquire under the anti-trust laws of the United States for price fixing relating to the particular commodities or services purchased or acquired by the COUNTY. At the Sumter County BOCC discretion, such assignment shall be made and become effective at the time the purchasing agency renders final payment to the respondent.”				8/26/11
Richard V. Busche, P.E., Vice President Authorized Agent Name, Title (Print)	Authorized Signature		Date	
<i>This form must be completed and returned with your Submittal</i>				

QUALIFICATIONS FORM FOR BOARD OF SUMTER COUNTY COMMISSIONERS

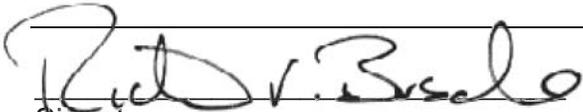


Name of Firm Submitting Qualifications Kimley-Horn and Associates, Inc.

Name of Person Submitting Qualifications Richard Busche, P.E.

PROPOSER ACKNOWLEDGMENT

"The undersigned hereby declares that he/she has informed himself/herself fully in regard to all conditions to the work to be done, and that he/she has examined the RFQ and Specifications for the work and comments hereto attached. The Vendor proposes and agrees, if this submission is accepted, to contract with the Board of Sumter County Commissioners, to furnish all necessary materials, equipment, labor and services necessary to complete the work covered by the RFQ and Contract Documents for this Project. The Vendor agrees to accept in full compensation for each item the prices named in the schedules incorporated herein."


Signature

8/30/11
Date

[] Check if exception(s) or deviation(s) to Specifications. Attach separate sheet(s) detailing reason and type for the exception or deviation.

This document must be completed and returned with your Submittal

STATEMENT OF TERMS AND CONDITIONS

PUBLIC ENTITY CRIME: A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a Proposals/Bid on a contract to provide any goods or services to a public entity, for the construction or repair of a public building or public work, may not submit Proposals/Bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

INDEMNIFICATION : The Contractor agrees to indemnify and hold harmless Board of Sumter County Commissioners, and their elected officials, employees and volunteers from and against all claims, losses and expenses, including legal costs, arising out of or resulting from, the performance of this contract, provided that any such claims, damage, loss of expenses is attributed to bodily injury, sickness, disease, personal injury or death, or to injury to or destruction of tangible property including the loss or loss of use resulting there from and is caused in whole or in part by any negligent act or omission of the tenant.

PROHIBITION OF LOBBYING: During the black out period which is, the period between the time the submittals for Invitation to Bid or the Request for Proposals, or Qualifications, or information, as applicable, are received at Contracts / Purchasing and the time the Board awards the contract, no proposer, no lobbyist, principal, or other person may lobby, on behalf of a competing party in a particular procurement matter, any member of the Board, or any Board employee other than the Financial Services Manager. Violation of this provision may result in disqualification of violating party. All questions regarding this Request for Proposals (RFQ) or Invitation to Bid (BID) must be submitted in writing to the Board's Financial Services Manager.

ANTI TRUST LAWS: By submission of a signed RFQ or BID, the successful Vendor acknowledges compliance with all antitrust laws of the United States and the State of Florida, in order to protect the public from restraint of trade, which illegally increases prices.

CONFLICT OF INTEREST: The award of the contract hereunder is subject to the provisions of Chapter 112 of the Florida Statutes. Vendors shall disclose the name of any Officer, Director, Partner, Associate, or Agent who is also an Officer, Appointee, or Employee of any of the Boards at the time of the RFQ or BID, or at the time of occurrence of the Conflict of Interest thereafter.

INTERPRETATION, CLARIFICATIONS AND ADDENDA: No oral interpretations will be made to any vendor as to the meaning of the RFQ/BID Contract Documents. Any inquiry or request for interpretation received by the Financial Services Manager before the date listed herein will be given consideration. All such changes or interpretations will be made in writing in the form of an addendum and, if issued, will be distributed at or after the Pre-Proposals/Pre-Bid Conference, mailed or sent by available or electronic means to all attending prospective Submitters prior to the established RFQ/BID opening date. Each Vendor shall acknowledge receipt of such addenda in the space provided. In case any Proposer/Bidder fails to acknowledge receipt of such addenda or addendum, his offer will nevertheless be construed as though it had been received and acknowledged and the submission of his bid will constitute acknowledgment of the receipt of same. All addenda are a part of the RFQ/BID FORMS and each Proposer/Bidder will be bound by such addenda, whether or not received by him. It is the responsibility of each proposer/bidder to verify that he has received all addenda issued before RFQ's/BID's are opened. In the case of unit price items, the quantities of work to be done and materials to be furnished under this RFQ/BID Contract are to be considered as approximate only and are to be used solely for the comparison of RFQ's/BID's received. The Board and/or his CONSULTANT do not expressly or by implication represent that the actual quantities involved will correspond exactly therewith; nor shall the Vendor plead misunderstanding or deception because of such estimate or quantities of work performed or material furnished in accordance with the Specifications and/or Drawings and other Proposals/Bid Documents, and it is understood that the quantities may be increased or diminished as provided herein without in any way invalidating any of the unit or lump sum prices bid.

GOVERNING LAWS AND REGULATIONS: The vendor is required to be familiar with and shall be responsible for complying with all federal, state and local laws, ordinances, rules and regulations that in any manner affect the work.

PROPRIETARY/CONFIDENTIAL INFORMATION: Vendors are hereby notified that all information submitted as part of, or in support of RFQ's/BID's, will be available for public inspection ten days after opening of the RFQ's/BID's or until a short list is recommended whichever comes first, in compliance with Chapter 119, and 287 of the Florida Statutes. Any person wishing to view the RFQ's/BID's must make an appointment by calling the Financial Services Manager at (352) 793-0200. All RFQ's/BID's submitted in response to this solicitation become the property of the Board. Unless information submitted is proprietary, copy written, trademarked, or patented, the Board reserves the right to utilize any or all information, ideas, conceptions, or portions of any RFQ/BID, in its best interest.

TAXES: The Board of Sumter County Commissioners is exempt from any taxes imposed by the State and/or Federal Government. Exemption certificates will be provided upon request.

NON-COLLUSION DECLARATION: By signing this RFQ/BID, all Vendors shall affirm that they shall not collude, conspire, connive or agree, directly or indirectly, with any other Proposer, firm, or person to submit a collusive or sham Proposals in connection with the work for which their RFQ/BID has been submitted; or to refrain from Bidding in connection with such work; or have in any manner, directly or indirectly, sought by person to fix the price or prices in the RFQ/BID or of any other Bidder, or to fix any overhead, profit, or cost elements of the RFQ/BID price or the RFQ/BID price of any other Bidder, or to secure through any collusion, conspiracy, connivance, or unlawful agreement any advantage against any other Bidder, or any person interested in the proposed work.

PROPOSER RESPONSIBILITY: Invitation by the Boards to vendors is based on the recipient's specific request and application to DemandStar by Onvia at www.DemandStar.com [(800) 711-1712] or as the result of response by the public to the legal advertisements required by State law. Firms or individuals submit their responses on a voluntary basis, and therefore are not entitled to compensation of any kind.

OWNERSHIP OF SUBMITTALS: All responses, inquiries or correspondence relating to or in reference to this RFQ/BID, and all other reports, charts, displays, schedules, exhibits and other documentation submitted by the vendors will become the property of the Board. Reference to literature submitted with a previous RFQ/BID will not relieve the Bidder from including any required documents with this RFQ/BID.

EXAMINATION OF BID DOCUMENTS: Each Bidder shall carefully examine the RFQ/BID Document to ensure all pages have been received, all drawings and/or Specifications and other applicable documents are included, and shall inform himself thoroughly regarding any and all conditions and requirements that may in any manner affect cost, progress or performance of the work to be performed under the Contract. Ignorance on the part of the CONTRACTOR will in no way relieve him of the obligations and responsibilities assumed under the Contract.

VENDOR RESPONSIBILITY: Vendors are fully and completely responsible for the labeling, identification and delivery of their submittals. The Financial Services Manager will not be responsible for any mislabeled or misdirected submissions, nor those handled by delivery persons, couriers, or the US Postal Service.

DRUG FREE WORKPLACE: All Proposers/Bidders shall submit the enclosed, duly signed and notarized form entitled "Drug Free Workplace Certificate". The Drug Free Workplace Vendor shall have the burden of demonstrating that his program complies with Section 287.087 of the Florida Statutes, and any other applicable state law.

BOARD OF SUMTER COUNTY COMMISSIONERS, are political subdivisions of the State of Florida, and reserve the right to reject any and/or all submittals, reserve the right to waive any informalities or irregularities in the examination process, and reserve the right to award contracts and/or in the best interest of the Boards. Submittals not meeting stated minimum terms and qualifications may be rejected by the Boards as non-responsive. The Boards reserve the right to reject any or all submittals without cause. The Boards reserves the right to reject the submission of any Vendor in arrears or in default upon any debt or contract to the Boards, or who has failed to perform faithfully any previous contract with the Boards or with other governmental agencies.

PUBLIC RECORDS LAW: Correspondence, materials and documents received pursuant to this RFQ/BID become public records subject to the provisions of Chapter 119, Florida Statutes.

VERIFICATION OF TIME: Nextel time is hereby established as the Official Time of the Boards.

PREPARATION OF PROPOSALS/BIDS:

Signature of the Bidder: The Bidder must sign the RFQ/BID FORMS in the space provided for the signature. If the Proposer/Bidder is an individual, the words "doing business as _____" must appear beneath such signature. In the case of a partnership, the signature of at least one of the partners must follow the firm name and the words, "Member of the Firm" should be written beneath such signature. If the Proposer/Bidder is a corporation, the title of the officer signing the RFQ/BID on behalf of the corporation must be stated and evidence of his authority to sign the RFQ/BID must be submitted. The Proposer/Bidder shall state in the RFQ/BID FORMS the name and address of each person interested therein.

Basis for Bidding: The price proposed for each item shall be on a lump sum or unit price basis according to specifications on the RFQ/BID FORM. The proposed prices shall remain unchanged for the duration of the Contract and no claims for cost escalation during the progress of the work will be considered, unless otherwise provided herein.

Total Proposed Price/Total Contract Sum Proposed: If applicable, the total price bid for the work shall be the aggregate of the lump sum prices proposed and/or unit prices multiplied by the appropriate estimated quantities for the individual items and shall be stated in figures in the appropriate place on the RFQ/BID FORM. In the event that there is a discrepancy on the RFQ/BID FORM due to unit price extensions or additions, the corrected extensions and additions shall be used to determine the project bid amount.

TABULATION: Those wishing to receive an official tabulation of the results of this RFQ/BID are to submit a self-addressed, stamped business size (No. 10) envelope, prominently marked on the front lower left side, with the RFQ identification. Tabulation requested by telephone, fax or electronic media will not be accepted.

OBLIGATION OF WINNING BIDDER: The contents of the RFQ/BID of the successful proposer/bidder will become contractual obligations if acquisition action ensues. Failure of the successful Proposer/Bidder to accept these obligations in a contract may result in cancellation of the award and such vendor may be removed from future participation.

AWARD OF BID: It is the Boards' intent to select a vendor within **sixty (60) calendar days** of the deadline for receipt of Proposals/Bids. However, Proposals/Bids must be firm and valid for award for at least **ninety (90) calendar days** after the deadline for receipt of the RFQ/BID.

ADDITIONAL REQUIREMENTS: The firms shall furnish such additional information as the Boards may reasonably require. This includes information which indicates financial resources as well as ability to provide the services. The Boards reserve the right to make investigations of the qualifications of the firm as it deems appropriate.

PREPARATION COSTS: The Boards shall not be obligated or be liable for any costs incurred by Proposers/Bidders prior to issuance of a contract. All costs to prepare and submit a response to this RFQ/BID shall be borne by the Proposer/Bidder.

TIMELINESS: All work will commence upon authorization from the Boards' representative (Financial Services Manager). All work will proceed in a timely manner without delays. The Contractor shall commence the work UPON RECEIPT OF NOTICE TO PROCEED and/or ORDER PLACED (PURCHASE ORDER PRESENTED), and shall deliver in accordance to the terms and conditions outlined and agreed upon herein.

DELIVERY: All prices shall be FOB Destination, Sumter County, Florida, inside delivery unless otherwise specified.

ADDITIONAL SERVICES/PURCHASES BY OTHER PUBLIC AGENCIES ("PIGGY-BACK"):

The Vendor by submitting a Bid acknowledges that other Public Agencies may seek to "Piggy-Back" under the same terms and conditions, during the effective period of any resulting contract – services and/or purchases being offered in this Bid, for the same prices and/or terms proposed. Vendor has the option to agree or disagree to allow contract Piggy-Backs on a case-by-case basis. Before a Public Agency is allowed to Piggy-Back any contract, the Agency must first obtain the vendor's approval – without the vendor's approval, the seeking Agency cannot Piggy-Back.

PLANS, FORMS & SPECIFICATIONS: Bid Packages are available from the Financial Services Manager. These packages are available for pickup or by mail. If requested to mail, the Proposer/Bidder must supply a courier account number (UPS, FedEx, etc.). Proposers/Bidders are required to use the official RFQ/BID FORMS, and all attachments itemized herein, are to be submitted as a single document. Any variation from the minimum specifications must be clearly stated on the RFQ/BID FORM and/or Exceptions/Deviations Sheet(s). Only one set of plans, forms, and specifications will be furnished each company or corporation interested in submitting a Proposals/bid. RFQ/BID FORM documents for this project are free of charge and are available on-line and are downloadable (vendor must pay any DemandStar fees or any shipping).

MANUFACTURER'S NAME AND APPROVED EQUIVALENTS: Any manufacturer's names, trade names, brand names, information and/or catalog numbers listed in a specification are for information and not intended to limit competition unless otherwise indicated. The Proposer/Bidder may offer any brand for which he is an authorized representative, which meets or exceeds the RFQ/BID specification for any item(s). If RFQ's/BID's are based on equivalent products, indicate on the RFQ/BID FORM the manufacturer's product name and literature, and/or complete specifications. Reference to literature submitted with a previous RFQ/BID will not satisfy this provision. The Proposer/Bidder shall explain in detail the reason(s) why the proposed equivalent will meet the specifications and not be considered an exception thereto. RFQ's/BID's which do not comply with these requirements are subject to rejection. RFQ's/BID's lacking any written indication of intent to quote an alternate brand will be received and considered in complete compliance with the specifications as listed on the RFQ/BID FORM. The Financial Services Manager is to be notified, in writing, of any proposed changes in materials used, manufacturing process, or construction. However, changes shall not be binding upon the Boards unless evidenced by a Change Notice issued and signed by the Financial Services Manager, or designated representative.

QUANTITIES: The quantities as specified in this RFQ/BID are estimates only and are not to be construed as guaranteed minimums.

SAMPLES: Samples of items, when called for, shall be furnished free of expense, and if not destroyed may, upon request, be returned at the Proposer's/Bidder's expense. Each sample shall be labeled with the Proposer's/Bidder's name, manufacturer brand name and number, RFQ/BID number and item reference. Samples of successful Proposer's/Bidder's items may remain on file for the term of the contract. Request for return of samples shall be accompanied by instructions which include shipping authorization and must be received at time of opening. Samples not returned may be disposed of by the Boards within a reasonable time as deemed appropriate.

DOCUMENT RE-CREATION: Vendor may choose to re-create any document(s) required for this solicitation, but must do so at his own risk. All required information in the original Board format must be included in any re-created document. Submittals may be deemed non-responsive if required information is not included in any re-created document.

ACKNOWLEDGED:

 8/30/11
(Signature and Date)

This document must be completed and returned with your Submittal

REFERENCE & SIMILAR PROJECTS EXPERIENCE FORM

Owner / Business Name: Sumter County		
Project Location / Address: 319 E. Anderson Avenue		
City: Bushnell	State: FL	Zip Code: 33513
Point of Contact: Chris Wert, P.E.		Dates of Work: September 2010 - present
Phone Number: 352-793-0240		Fax Number: 352-793-0247
E-mail Address: chris.wert@sumtercountyfl.gov		
Project Name: C-466W Pavement Rehabilitation Project		
Brief Description of Project: Provided planning and design services for 5.1 miles of rehabilitation to C-466W between US 301 and I-75. The roadway was experiencing various types of structural failures due to heavy truck traffic serving construction activities in the area. KHA oversaw the geotechnical investigation of the existing pavement, provided the new pavement design for the design life specified by the County, and prepared construction plans and specifications. The project was funded by FDOT and KHA provided coordination between FDOT and the County to gain approval of the County Incentive Grant Program (CGIP) funding for construction.		

Owner / Business Name: Sumter County		
Project Location / Address: 405 SE Osceola Avenue		
City: Ocala	State: FL	Zip Code: 34471
Point of Contact: Bill Stevens, P.E.		Dates of Work: 2008 - 2009
Phone Number: 352-629-8242		Fax Number: 352-303-1089
E-mail Address: wstevens@ocalafl.org		
Project Name: Morse Boulevard Phases 1, 1A and 2		
Brief Description of Project: Oversaw the design, permitting, and construction administration of a two-mile section of roadway in The Villages. The project included rehabilitation plans for pavement repair and the widening of on-street golf cart travel lanes to accommodate electric vehicles.		

Owner / Business Name: Sumter County		
Project Location / Address: 910 N. Main Street, Room 201		
City: Bushnell	State: FL	Zip Code: 33513
Point of Contact: Bradley Arnold		Dates of Work: 2010
Phone Number: 352-793-0200		Fax Number: 352-793-0207
E-mail Address: bradley.arnold@sumtercountyfl.gov		
Project Name: 2010 Sumter County Resurfacing Specifications		
Brief Description of Project: Oversaw development of bid documents and specifications for 18 local county road resurfacing contracts. Working in close collaboration with the County Engineering staff, all 18 of the projects were administered under one construction bid, streamlining construction management costs and bringing the project to completion on time and under budget.		

This document must be completed and returned with your Submittal

REFERENCE & SIMILAR PROJECTS EXPERIENCE FORM

Owner / Business Name: Village Center Community Development District		
Project Location / Address: 3201 Wedgewood Lane		
City: The Villages	State: FL	Zip Code: 32162
Point of Contact: Janet Tutt		Dates of Work: 2009 - 2011
Phone Number: 352-751-3939		Fax Number: 352-753-6430
E-mail Address: janet.tutt@districtgov.org		
Project Name: Multi-Modal Path Reconstruction		
Brief Description of Project: KHA led a team of specialized professionals to work with the public at large to develop a master plan for more than 14 miles of proposed multiuse paths that are intended to be used by cyclists, pedestrians, and golf carts. KHA prepared for and facilitated numerous public meetings and workshops where hundreds of people attended and provided comments and input into the process. Upon the successful completion of this project, KHA was selected for the design and permitting.		

Owner / Business Name: City of Wildwood		
Project Location / Address: 100 N. Main Street		
City: Wildwood	State: FL	Zip Code: 34785
Point of Contact: Robert Smith		Dates of Work: 2009 - 2011
Phone Number: 352-330-1330		Fax Number: 352-330-1338
E-mail Address: rwmith-wildwood@cfl.rr.com		
Project Name: On-Call Engineering Services		
Brief Description of Project: KHA serves as City Engineering Consultant for the City of Wildwood. KHA performs all engineering services needed by the City including roadway design, utility engineering, public meetings, grant projects, stormwater improvements, and plan reviews.		

Owner / Business Name: City of Ocala		
Project Location / Address: 201 S.E. 3rd Street, 2nd Floor		
City: Ocala	State: FL	Zip Code: 34471
Point of Contact: Bill Stevens, P.E.		Dates of Work: 2008 - 2011
Phone Number: 352-629-8521		Fax Number: 352-629-8242
E-mail Address: engineering@ocalafl.org		
Project Name: SW 42nd Street Flyover		
Brief Description of Project: Provided design and permitting for the 42nd Street Flyover project, including roadway widening plans, stormwater design, permitting and a bridge flyover structure spanning I-75 in Marion County.		

This document must be completed and returned with your Submittal



May 23, 2011

Dear Sir or Madam:

I would like to take this opportunity to provide a letter of recommendation for Kimley-Horn and Associates. Kimley-Horn has served the Village Center Community Development District (VCCDD) as an on-call engineering consultant since 2009. Most notably, Kimley-Horn served as the prime consultant for design and construction administration of the Multi-Modal Path Reconstruction project, which was a \$7.5 million project involving the demolition, reconstruction and widening of approximately 14 miles of multi-modal recreation paths.

Kimley-Horn also serves as an on-call engineer to assist the VCCDD with ongoing issues within our community, and provides public hearing testimony to our various CDD boards.

Kimley-Horn has consistently provided excellent work and client service to the VCCDD on all assignments performed under our professional services contract. In addition, their responsiveness, communication and insightfulness have made them an integral part of the District's Management Team. I would recommend them to any government agency for similar work assignments.

Sincerely,

A handwritten signature in black ink, appearing to read 'Janet Y. Tutt', is written over a large, stylized circular flourish.

Janet Y. Tutt
District Manager

City of
Wildwood,
Florida



New City Hall Design

Area Code: 352
SUNCOM Prefix: 668
ZIP Code: 34785

CITY HALL

100 N. Main Street
330-1330 Phone
330-1338 Fax

ADMINISTRATION

CITY MANAGER
Extension 109

CITY CLERK/FINANCE
Extension 100

PERSONNEL
Extension 103

PLANNING/BUILDING/
ZONING
Extension 131

CUSTOMER SERVICE
(Utility Accounts)
Extension 130

TDD
Extension 130

FIRE
227 Hall Street
330-1342

LIBRARY
702 Webster Street
748-1158

POLICE
100 E. Huey Street
330-1355
330-1358 Fax

ANIMAL CONTROL
WOOD WASTE
601 W. Gulf-Atlantic Hwy.
330-1345

REFUSE / STREETS
410 Grey Street
330-1343
330-1344 Fax

WASTEWATER
1290 Industrial Drive
330-1349
330-1350 Fax

WATER
801 E. Huey Street
330-1346
330-1347 Fax

May 18, 2011

City of Ocala
151 SE Osceola Avenue
Ocala, FL 34471-2148

Dear Sir or Madam:

As City Manager of the City of Wildwood, Florida I would like to take this opportunity to submit my recommendation to you relative to Kimley-Horn & Associates, Inc., the City of Wildwood's civil engineers.

The City Commission of the City of Wildwood (after receiving and reviewing RFQ's), approved an Agreement for Professional Services with Kimley-Horn and Associates, Inc., on January 12, 2009. The city has worked closely with KHA over the last two plus years and we have completed several projects that had been on hold for quite some time.

Kimley-Horn has shown a sincere interest in the City of Wildwood and shares our goals in accomplishing the tasks at hand that will prove to make us a better community, both for our residents and visitors. I can say with all honesty that they have become an integral part in the city's progress. The staff at KHA works closely with ours, and we feel that we have a very good working relationship with them.

If I can answer any questions or offer any additional information please do not hesitate to let me know,

Respectfully,


Robert Smith, City Manager
CITY OF WILDWOOD, FLORIDA

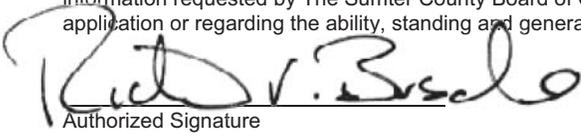
RS:dtk

H:\Doris\Kimley-Horn\LtrRecCityOcala.doc

CONTRACTOR'S AFFIDAVIT

State of Florida
County of Marion

Before me personally appeared Richard V. Busche who is (title) Vice President
of (the company described herein) Kimley-Horn and Associates, Inc. being duly sworn, deposes and says that the foregoing
statements are a true and accurate statement of the position of said organization as of the date thereof, and, that the statements and
answers to the foregoing experience questionnaire are correct and true as of the date of this affidavit; and, that he/she understands that
intentional inclusion of false, deceptive, or fraudulent statements of this application constitutes fraud; and, agrees to furnish any pertinent
information requested by The Sumter County Board of County Commissioner deemed necessary to verify the statements made in this
application or regarding the ability, standing and general reputation of the applicant.



Authorized Signature

Personally Known _____ or Produced Identification _____

Sworn to and subscribed before me this 30 day of August, 2011

NOTARY PUBLIC - STATE OF FLORIDA
(Signature of Notary Public)

(Print Name of Notary Public)

(seal)

This document must be completed and returned with your Submittal

DRUG FREE WORKPLACE CERTIFICATE

I, the undersigned, in accordance with Florida Statute 287.087, hereby certify that,

Kimley-Horn and Associates, Inc.
(print or type name of firm)

- Publishes a written statement notifying that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the workplace named above, and specifying actions that will be taken against violations of such prohibition.
- Informs employees about the dangers of drug abuse in the work place, the firm’s policy of maintaining a drug free working environment, and available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug use violations.
- Gives each employee engaged in providing commodities or contractual services that are under RFQ or bid, a copy of the statement specified above.
- Notifies the employees that as a condition of working on the commodities or contractual services that are under RFQ or bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, pleas or guilty of nolo contendere to, any violation of Chapter 1893, or of any controlled substance law of the State of Florida or the United States, for a violation occurring in the work place, no later than five (5) days after such conviction, and requires employees to sign copies of such written (*) statement to acknowledge their receipt.
- Imposes a sanction on, or requires the satisfactory participation in, a drug abuse assistance or rehabilitation program, if such is available in the employee’s community, by any employee who is so convicted.
- Makes a good faith effort to continue to maintain a drug free work place through the implementation of the drug free workplace program.
- “As a person authorized to sign this statement, I certify that the above named business, firm or corporation complies fully with the requirements set forth herein”.


Authorized Signature

8/30/11
Date Signed

State of: Florida

County of: Marion

Sworn to and subscribed before me this 30 day of August, 2011

Personally known _____ or Produced Identification _____
(Specify Type of Identification)

Signature of Notary

My Commission Expires _____

(seal)

This document must be completed and returned with your Submittal



Project Approach

KHA is very familiar with the issues on C-469 and the reasons behind this widening/rehabilitation project. You may recall that when Sumter County began scoping this project in 2010, KHA provided the scope and cost estimates that now make up this RFQ. Preparing that information gave KHA a significant head start on the design of this project that will pay immediate dividends to Sumter County in schedule, design, and costs.

Our core project approach will be to extend the life of the roadway to the greatest degree possible while maximizing all of the available funds from FDOT to get the most cost-effective and best possible result for the County. In order to produce a successful project, our project approach will address the issues discussed below. *An aerial map of the project area is included on the following page. An aerial map of the project area is included on the following page.*

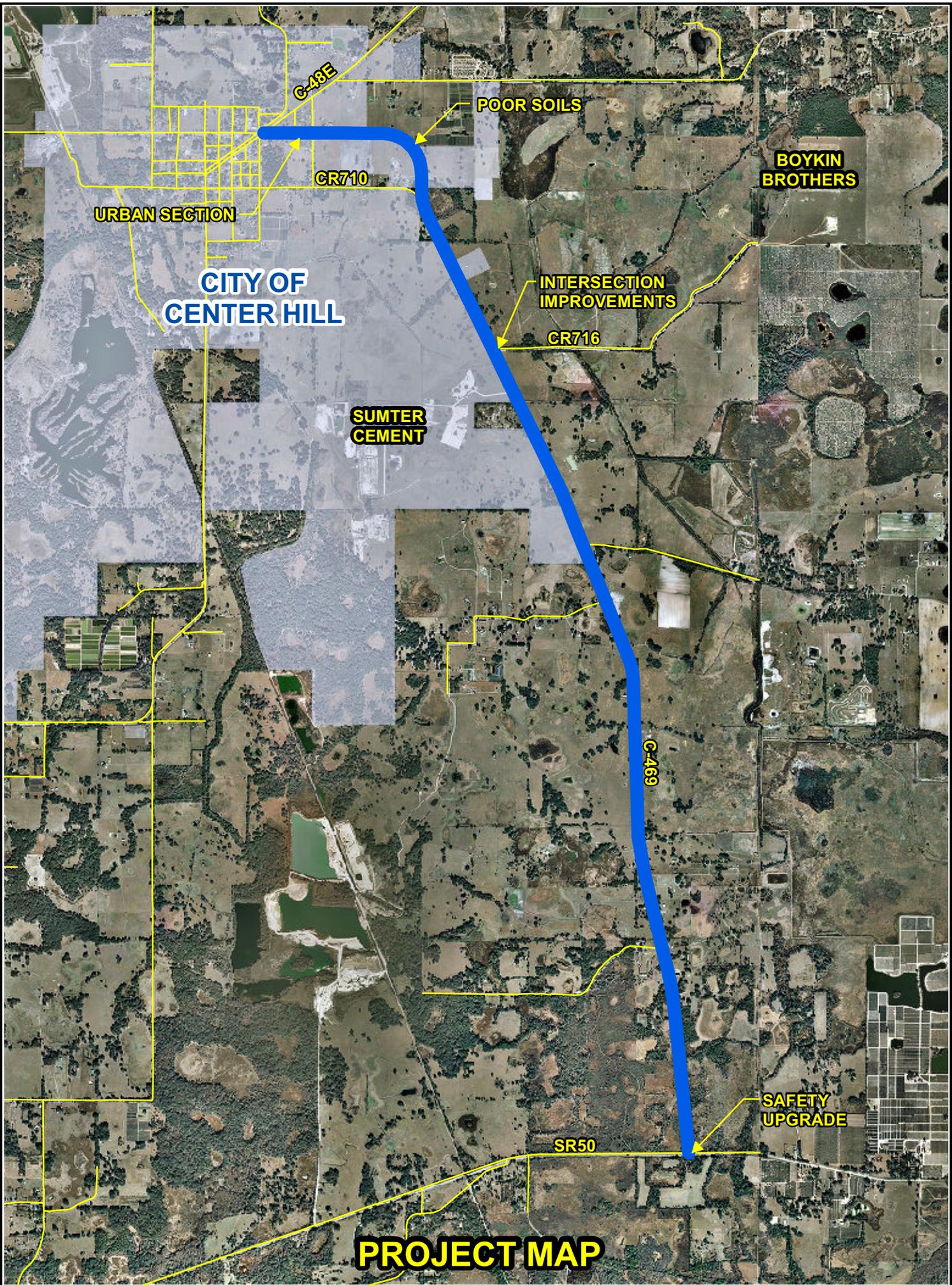
Deterioration of Existing Pavement

KHA will work with our partner, **Central Testing Laboratory, Inc. (CTL)**, to obtain pavement core samples and subsurface borings throughout the project limits. From our advance work on this project with CTL, we believe that there is an existing stabilized subgrade beneath the C-469 pavement section. You may recall that this was not the case on our recent C-466 West rehabilitation project for Sumter County, and this affected the pavement design greatly. KHA and CTL will obtain roadway core borings and evaluate the condition of the existing asphalt, base material, and subgrade to determine a pavement design that provides a Structural Number necessary to support the passenger and truck traffic expected on this roadway over the next 10-15 years.

Our field evaluation of the pavement condition indicates that the roadway would benefit from milling the existing asphalt as the first rehabilitation component. Many sections of the road have an acceptable ride quality, indicative of a suitable base condition, but upon close inspection in most areas, the asphalt is cracked and deteriorated to a high degree. Some rutting is present, but it is not severe or widespread. Our approach will be to work with our geotechnical partner and Sumter County staff on the pavement design to maximize the Structural Number of the rehabilitated pavement section to the highest degree and come in just under budget. We expect that the rehabilitation of the deteriorated pavement will likely consist of three main components:

- Milling of the existing asphalt to remove cracks to their full depth
- Installation of an asphalt rubber stress absorbing membrane interlayer (ARMI Layer) to prevent reflective cracking
- Correction of pavement settlement through the muck area at CR 710 and where rutting has occurred





C-48E

POOR SOILS

BOYKIN BROTHERS

URBAN SECTION

CITY OF CENTER HILL

CR710

INTERSECTION IMPROVEMENTS

CR716

SUMTER CEMENT

C-469

SR50

SAFETY UPGRADE

PROJECT MAP



Resurfacing DESIGN AND PERMITTING FROM CR 48 TO SR 50

Pavement Width

With the exception of the short urban segment in Center Hill, the existing roadway is only 20 feet wide. Fortunately, there are wide grassed shoulders, but the narrow pavement is confining for the drivers. This is further exacerbated by the high posted speed (55 mph) and the large percentage of truck traffic. It appears that in some areas, an attempt was made in the past to add a two-foot paved shoulder, but this was likely part of a maintenance operation and this pavement has deteriorated to such a degree that it is non-existent to the drivers.

Our approach will be to widen the existing pavement to 28 feet in width, providing two 12-foot travel lanes and a two-foot paved shoulder on each side. A final lift of asphalt friction course will be applied over the travel lanes and shoulders in one operation, providing a cohesive pavement section that greatly increases safety and driver comfort on this roadway.

Safety Issues

Though most of the corridor is flanked by rural uses, there are two large industrial operations present. These businesses generate a large amount of heavy truck traffic that must be accommodated. On the eastern side at CR 716, Boykin Brothers LLC operates a borrow pit operation that is currently very active, and will remain active for many years to come. This intersection of CR 716 and C-469 is heavily deteriorated and in significant disrepair. CR 716 is an unpaved clay road and the heavy truck use results in deep rutting, destruction of pavement at the travel lane edge, and an unsafe drop off condition on the westbound turning movement. Our approach here will be to add a northbound deceleration taper and to pave the intersection eastward to the radius returns of CR 716. In preparation of our project approach, KHA spoke with Jeff Boykin at Boykin Brothers to discuss their operation. Their sand mine will continue to be active for many years, but we also learned that there are two other large operators that use CR 716 to access C-469, McNeer groves and a large sod farmer. Boykin Brothers primarily uses on-road dump trucks to haul their materials, but the sod and grove operators will use primarily tractor trailers. The improvement of the intersection at C-469 and CR 716 will be a key component to get correct in order to ensure the safety of the travelling public, including the operators of the heavy trucks.

Just south of the CR 716 intersection on the west side of the road lies the entrance for the Sumter Cement Company. Though this operation is currently not active, when construction activity in the area returns it will become a major access point for even more heavy truck traffic. This unpaved driveway is currently in reasonable repair but would deteriorate very quickly with increased traffic. Our approach will be to pave this connection so that if further deterioration occurs, it will not be at the edge of the shoulder.

At the intersection of C-469 and SR 50, there is a need for safety upgrades to the signage and striping on southbound C-469. This stop condition occurs after a miles-long stretch of rural highway travel at 55 mph. If drivers are not properly warned the stop sign at SR 50 can be unexpected. It appears that some attempts have been made in



Boykin Brothers Entrance at CR 716



Sumter Cement Company Driveway



SR 50 Intersection



Failed Inlet Top Repair



Resurfacing

DESIGN AND PERMITTING
FROM CR 48 TO SR 50

the past to install additional warning signage and rumble strips at this location. Our approach would be to reconstruct the rumble strips but also to bring this intersection up to AASHTO and MUTCD standards for advance warning of the intersection. For nighttime safety, we will consider flashing lights on the warning signage and other considerations that will add to the safety of the traveling public.

As part of the pavement widening, any above ground hazards within the roadside clear zone design will have to be evaluated. The clear zone requirement for a rural roadway with a 55 mph design speed and ADT \geq 1500 is 24 feet, measured from the edge of the travel lanes. The immediate concern is the existing cross drain headwalls. Most of the headwalls are currently located between 15' and 20' from the edge of pavement. The cross drain diameters range from 24" to 48" in size. Though most of the right-of-way is wide and open, the proposed design will add four feet of pavement to each side. Cross drain headwalls are considered clear zone hazards and must be handled in one of the following ways:

1. For cross drains 24" and smaller, replace the headwall with a mitered end section
2. Shield the hazard using guard rail
3. Relocate the hazard outside of the clear zone
4. Evaluate and issue a design exception to allow the headwall to remain in place

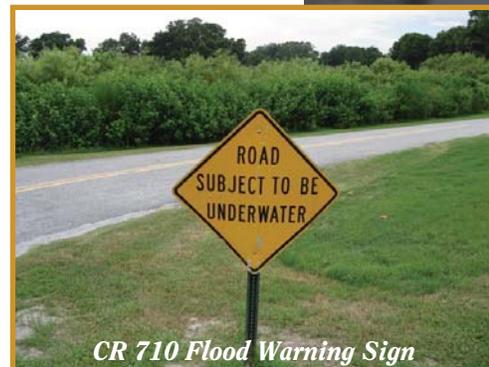
Our approach will be to survey each of the cross drains and evaluate the proper design at each location with Sumter County to address this issue. As part of this effort, we will also review the crash history of the roadway to determine if there is a history of accidents that would be affected by widening towards the current headwall locations.

In the section of C-469 within the limits of Center Hill, there are three concrete inlet tops that have been crushed and repaired. These structures were evidently repaired using a concrete patch, but have since failed again. It is not apparent if they were struck by a vehicle again, vandalized or if the repair has simply failed. Our approach will be to replace these three concrete inlet tops with cast iron curb inlet tops from the FDOT or US Foundry design standards.

Drainage Issues

The FEMA maps for this area will not be of any use in evaluating the specific drainage issues within the project limits. They were last updated in 1982 and show the majority of the roadway within the limits of an unnumbered A-Zone floodplain. This means that the FEMA maps can only be considered general guides, and not definitive floodplain data. On many of the older FEMA maps, the actual elevation of the roadway was not considered in the mapping, and the roadways are typically higher in elevation than the surrounding pastures and low lying areas. Our field inspections have not revealed any obvious drainage issues within the corridor. The roadside swales are well defined and maintained. There are approximately six to eight cross drains with headwalls along the roadway, and these are all in good repair with well maintained pipe inverts that are free of significant debris and siltation.

The only area within the corridor that appears to warrant drainage investigation is the intersection of C-469 and CR 710. In this area, there are reports of flood conditions from the adjacent resident and a history of roadway repair in this area due to base failure. Our approach to address this issue will be to conduct one

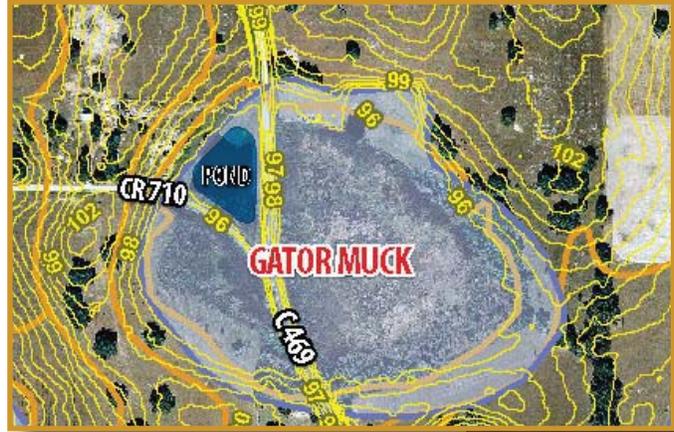


CR 710 Flood Warning Sign



Resurfacing DESIGN AND PERMITTING FROM CR 48 TO SR 50

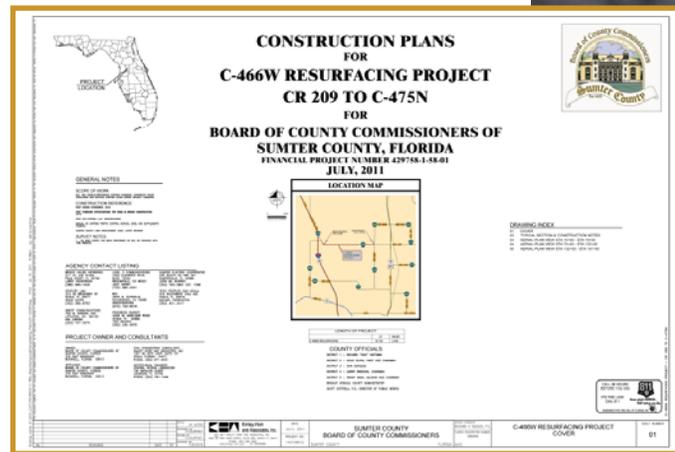
meeting with Sumter County staff and the residents in the area to gather information of what has occurred in the past, and then, evaluate the need for any additional drainage improvements. We are doubtful that raising the C-469 roadway will be warranted. The roadway is visibly higher than the surrounding wetland areas, and it is likely that if C-469 were flooded in this location, much of the vast surrounding properties would have to be flooded also. If that event had occurred, there would likely be reliable evidence of that flooding. It is possible that CR 710 is the roadway that floods, as it is significantly lower than C-469 in this area.



Sumter County staff has stated that the segment of C-469 at the CR 710 intersection has been repaired in recent years. Review of the soils map for this location provides insight as to why this was necessary. C-469 was originally constructed through a historic wetland area with known gator muck soils. Our geotechnical partner, CTL, has data from an exploratory boring performed October 2008 in the south west corner of the intersection, and we can confirm that the soils mapping is correct; unsuitable muck exists at a depth of approximately eight feet below existing grade within the C-469 right-of-way. CR 710 also runs through this muck area, and the pond that is on private property at the northwest corner also appears to have been excavated in the historic wetland area. There is no doubt that this area will stay wet during the rainy season. However, the need for roadway repairs in the past would not have been caused by flooding issues but would result if the gator muck exists beneath the pavement. Our approach at this location will be to explore the subsurface conditions beneath the roadway to depths and at intervals necessary to determine the suitability of the soils encountered and to delineate the extent of any deleterious materials present. Depending on the results, the unsuitable muck may need to be removed beneath the roadway section. As an alternative, we will also evaluate the possibility of installing a synthetic geogrid beneath the base material to evenly spread the wheel loads and increase the life of the roadway without the expense of removing the unsuitable muck.

Permitting

This project will require permitting with FDOT, through their LAP consultant, to approve the proposed rehabilitation plans, and also through the Southwest Florida Water Management District (SWFWMD). Just this year, KHA was successful in obtaining approval from FDOT on C-466W for Sumter County. We are confident that we can obtain approval on this project in the same short timeline. The key to this process is to prepare plans that will meet with FDOT's approval for the funding agreement, but not to the strict requirements of FDOT's Plans Preparation Manual, which would add to the schedule, design cost, and construction costs. KHA did this successfully for Sumter County in 2011, and we can do it again.





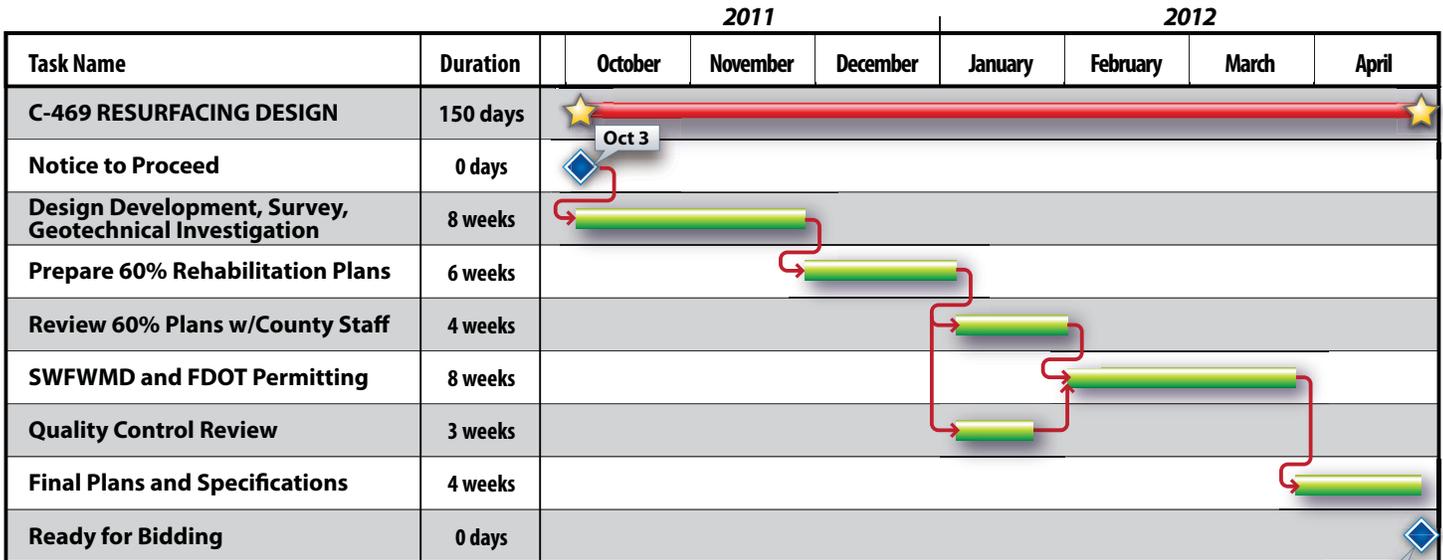
Resurfacing

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The project appears to qualify for a permitting exemption from SWFWMD under section 40D-4.051(13), F.A.C. This section allows for "Road widening and shoulder paving projects which do not result in the creation of additional traffic lanes." However, in our experience, the SWFWMD will also require calculations that demonstrate that the existing swale capacities remain unaltered as part of the widening. There may also be the need to address compensating excavation in select locations throughout the project to proactively address floodplain mitigation. Our approach will be to conduct one pre-application meeting with SWFWMD staff to verify what information they need to see in the exemption request, and to prepare a complete submittal package to ensure that District staff receives everything needed to grant the exemption instead of determining that a permit will be required.

Schedule

We have developed a project schedule below that lays out major milestones between Notice to Proceed and bidding documents for construction. We anticipate needing approximately 5 months to complete the design, quality control reviews and permitting phases of the project. KHA has the local resources and staff to complete this project in the same timely manner as the other projects we have recently performed for Sumter County.



LEGEND

- Summary
- Task
- Milestone



Resurfacing

DESIGN AND PERMITTING
FROM CR 48 TO SR 50

Cost

Our proposed cost estimate is outlined below. Our approach to the construction costs will be to maximize every dollar of available funding to provide the longest design life for the rehabilitated pavement. These budget costs are preliminary and will need to be verified and updated during the design of the project.

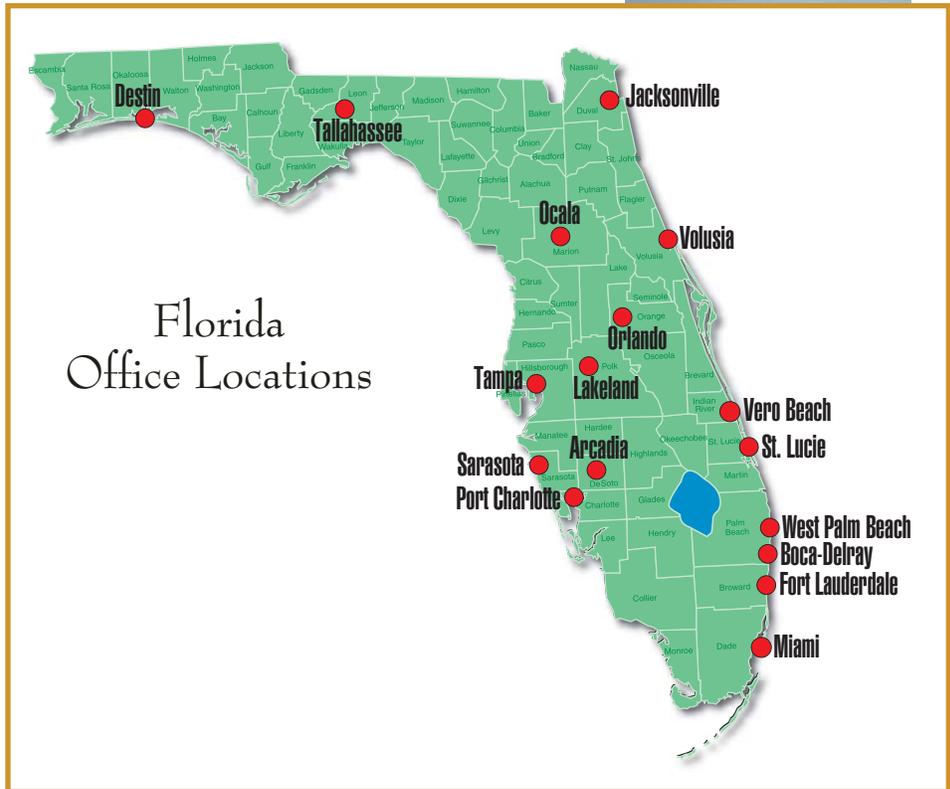
BUDGET COSTS SUMTER COUNTY C-469 RESURFACING DESIGN FROM CR48 TO SR50 - 5.7 MILES					
PAY ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT PRICE	AMOUNT	
I. SITE PREP, CLEARING, GRUBBING AND RESTORATION					
**	MULTI POST SIGN, F&I, 50 SF OR LESS (SPECIAL PROJECT ID SIGN)	2	AS	1,500.00	\$ 3,000
101-1	MOBILIZATION, INCLUDES SURVEYING	1	LS	25,000.00	\$ 25,000
102-1	MAINTENANCE OF TRAFFIC	1	LS	50,000.00	\$ 50,000
104-10-2	SYNTHETIC BALES	500	EA	5.00	\$ 2,500
104-13-1	STAKED SILT FENCE, TYPE III	15,000	LF	1.25	\$ 18,750
110-1-1	CLEARING AND GRUBBING	5.00	AC	1,500.00	\$ 7,500
570-1-2	PERFORMANCE TURF (SOD)	15,700	SY	1.50	\$ 23,550
SUBTOTAL					\$ 130,300
II.A ROAD CONSTRUCTION - INCLUDING SHOULDER ASPHALT					
327-70-6	MILLING EXISTING ASPHALT PAVEMENT (1.5" AVG DEPTH)	66,880	SY	1.50	\$ 100,320
337-7-33	ASPHALT CONCRETE FRICTION COURSE (1.5" FC-12.5)	8,000	TN	90.00	\$ 720,000
334-1-13	SUPERPAVE ASPHALTIC CONCRETE (2.0" SP-12.5)	10,600	TN	90.00	\$ 954,000
-	GEOSYNTHETIC BASE MEMBRANE	6,200	SY	25.00	\$ 155,000
210-2-	LIMEROCK, NEW MATERIAL FOR REWORKING BASE	2,500	CY	25.00	\$ 62,500
286-1	TURNOUT CONSTRUCTION	3,000	SY	12.00	\$ 36,000
286-2	TURNOUT CONSTRUCTION - ASPHALT	3,000	SY	4.50	\$ 13,500
425-1-345	REPLACE CONCRETE INLET TOPS	3	EA	3,000.00	\$ 9,000
SUBTOTAL					\$ 2,050,320
II.B ROAD CONSTRUCTION - 2' TRAVEL LANE WIDENING AND 2' PAVED SHOULDER					
285-706	OPTIONAL BASE GROUP 6 (8" LIMEROCK, LBR100)	27,500	SY	15.00	\$ 412,500
120-1	REGULAR EXCAVATION	7,600	CY	5.00	\$ 38,000
SUBTOTAL					\$ 450,500
III. SIGNING AND MARKING					
710-11-111	SIGNING AND MARKING REPLACEMENT	1.00	LS	60,000.00	\$ 60,000
706-3	RETRO-REFLECTIVE PAVEMENT MARKER	3,000	EA	3.50	\$ 10,500
SUBTOTAL					\$ 70,500
TOTAL					\$ 2,701,620
<p>The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.</p>					



Firm Qualifications

Firm Overview

As one of the largest consulting engineering design firms in Florida and the U.S., Kimley-Horn has more than adequate resources and availability to complete this project for you. The firm has nearly 1,600 professional and technical staff in 57 offices nationwide, with more than 350 employees in 17 offices across Florida, that operate as one profit center. That means that every resource in Kimley-Horn is available to this project with no barriers to overcome and that you get the best staff for this project and the benefit of a full corporate experience. As project manager, **Richard Busche, P.E.**, has direct responsibility for the performance of both the team and the firm on your assignment. Our Ocala office will be the primary location serving the County, so we are only a phone call and a short drive away. Richard can easily call on his colleagues in Florida's 16 additional offices to supplement our team's staff—whether to provide expert support in a key specialty area or to supplement team resources during a production deadline push.



Kimley-Horn and its teaming partners are experienced and familiar with all of the intertwined characteristics of roadway design and have previously worked with Sumter County.

Subconsultants

Kimley-Horn emphasizes the value of building structured working relationships to provide the greatest combination of skills and professionalism to offer dependable, quality service to our clients. Our subconsultants are selected based on their proven abilities to follow through, superiority in their fields of expertise, and strong commitment to teamwork. For this contract, we have identified local subconsultants in which we have a close affiliation and successful performance history to provide additional support in the areas outside of our service lines.

FARNER BARLEY & ASSOCIATES, INC.

Farner, Barley & Associates, Inc., (FBA), a company formed in 1987 by Robert Farner, P.E., PSM and William S. Barley, PSM has provided a comprehensive range of civil engineering, land surveying and land planning services to private land developers, and public agencies throughout Central Florida. With their



Resurfacing

DESIGN AND PERMITTING
FROM CR 48 TO SR 50

staff's more than 21 years of local knowledge, broad professional backgrounds and experience, they assist their client's individual needs concerning all aspects of civil engineering, land planning, and surveying. As an integral part of the firm's services, FBA also maintains an in depth working knowledge and personal relationship with city, county, and government agencies having jurisdiction over their company's service area.

CENTRAL TESTING LABORATORY, INC.

Central Testing Laboratory, Incorporated (CTL) is a Central Florida based geotechnical engineering and materials testing firm. Established in 1977, CTL initially concentrated on serving the construction industry with construction materials testing services. CTL maintains engineering offices and laboratory testing facilities in Inverness, Leesburg, and Ocala, Florida. From these locations, they effectively provide services to clients in the Sumter, Citrus, Marion, Hernando, and Lake County areas. The technical staff includes civil engineers, scientists and technicians, many of whom have advanced training in the geotechnical and materials engineering fields. Their technicians are trained and certified both in-house and through nationally-recognized accreditation programs such as the American Concrete Institute (ACI), the Florida Department of Transportation's CTQP program and the Construction Materials Engineering Council (CMEC).

Scope of Services

ROADWAY DESIGN

Roadway planning and design is one of the mainstays of our firm's professional practice, and we have provided these services for urban, rural, primary, secondary, and interstate roadways for clients ranging from municipalities to state departments of transportation to private developers. Kimley-Horn makes the most of its vast traffic operations knowledge and experience to better serve Sumter County with their roadway design projects. We know that providing design services to our clients goes beyond simply providing plans, specifications, and estimates, but includes an appreciation for how the project fits within the functionality of the roadway network. This understanding allows Kimley-Horn to provide Sumter County with reasonable and practical design solutions. We are well equipped to address all related aspects of roadway design projects, such as intersection geometrics, utility relocations, traffic control, signalization, structural/bridge design, regulatory and permitting issues, paving, drainage, and other features.



STORMWATER

Kimley-Horn's stormwater design team will save Sumter County time and money. Our experienced stormwater design staff use a practical approach to solving complex problems. We understand the impact making major stormwater improvements will have on existing utilities, adjacent parcels, and access, and we have the experience to recommend alternatives that will effectively convey the stormwater yet will minimize adjacent impacts. Our practical approach toward addressing drainage issues has resulted in great success, permitting most roadway improvement projects through the various agencies including both SWFWMD and FDOT. Our staff has designed many roadway drainage systems and we understand the specialized issues that must be dealt with to provide systems that are easily maintained by Sumter County.



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PLANNING

Conducting field investigations, collecting and analyzing background data, and establishing meaningful goals and objectives are all prerequisite steps in the planning process. Our planning staff has a wide range of experience with comprehensive plans, land development controls and design standards, and master planning for various public clients involving far-reaching municipal issues. Our knowledge of critical planning elements—such as public participation, community visioning, regulatory and policy planning, entitlements, comprehensive plans, land use scenario planning, implementation strategies, cultural and natural resources, and intergovernmental coordination—shows that our work is truly comprehensive in scope. Kimley-Horn's staff has developed numerous comprehensive plans, zoning ordinances, subdivision regulations, overlay districts, and planned unit development agreements. Moreover, we thoroughly understand the consensus-building and approval process and can take a lead role in guiding you through the process. The firm is known for developing successful, innovative approaches to many projects within diverse environments. Our approach is a community-inclusive process that documents the master plan based on artful images, visionary concept plans, and tested economics transformed into a tangible reality.



PUBLIC INVOLVEMENT

A strong partnership with the community is critical to the success of road improvement projects. The people who ultimately use the facilities can provide valuable insight into possible design enhancements. After the design effort is complete, maintaining communication with community members continues to build trust and facilitates the construction phase. Our team brings experience from a wide variety of public and private projects, including roadway planning studies, traffic studies, and infrastructure improvement projects located throughout the state.



Our team can offer:

- Charrette design and facilitation
- Workshop design and facilitation
- Innovative notification techniques
- GIS analysis and graphics
- Extensive graphics support

Kimley-Horn's award-winning, innovative ideas will mean the successful completion of your project. We understand that many projects require community involvement and acceptance, and we have developed effective methods of bringing the community into the process. Our team is committed to conducting public participation programs that educate, inform, and build consensus for a particular solution.



Resurfacing

DESIGN AND PERMITTING
FROM CR 48 TO SR 50

COORDINATION

The Kimley-Horn team is highly experienced in projects that demand close coordination among multiple team members. Our clients expect a high level of responsiveness, communication, and quality. These high standards have been ingrained in our staff to adhere to demanding schedules, a strict quality assurance program, and open lines of communication. Kimley-Horn's professionals are accustomed to working on projects involving various components and understand the importance of productive coordination to provide the required high-quality services in an efficient and timely manner. We understand that open, clearly defined channels of communication and prompt response to your requests will be essential to achieve the desired project results.

PERMITTING

The most critical part of successful and timely permitting is early upfront coordination with the respective agencies. Kimley-Horn currently anticipates that under this contract permitting could be required with the Southwest Florida Water Management District, and Florida Department of Transportation. At the inception of the project, once the existing conditions are evaluated, we will hold early pre-application meetings to discuss the project's intent and to gain early feedback from the agencies to tailor the project to meet the relevant agencies criteria. Meetings are then followed up through the use of meeting minutes to ensure clear understanding of all parties involved. The construction documents and permit packages then become the fruition of early coordination efforts which ultimately reduce permitting timeframes while minimizing the effort expended. Our success in permitting is attributed to four distinct aspects; knowledge of the criteria, early agency coordination, proper documentation, and relationships that are built on years of trust with the agencies.

GEOTECHNICAL

Central Testing Laboratory, Inc. will provide geotechnical services associated with this contract. They have been in the Central Florida area for over 34 years and have a significant understanding of the existing soil conditions located throughout the County. We anticipate utilizing their services in determining existing pavement condition, ground and seasonal high water elevations along the proposed improvement, Standard Penetration Tests and borings associated with stormwater requirements. KHA has partnered with CTL on numerous past projects with great success.

SURVEYING

We will mobilize our surveyor, **Farner Barley & Associates, Inc.**, to obtain topographic information throughout the extents of recommended improvements. We have used FBA for several projects in the past and have received an excellent product. We will identify the required survey needs based on the issues and constraints identified. This may include a detailed topographic survey, right-of-way determination, utility location of above ground features, and coordination to identify existing underground facilities. Our surveyor will also prepare right-of-way documents, parcel sketches or easements sketch and description as necessary depending on the project requirements.





Resurfacing

DESIGN AND PERMITTING
FROM CR 48 TO SR 50

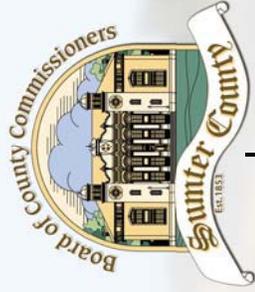
Key Personnel

Kimley-Horn has a long history of achieving successful project completion through a combination of effective project management and technical expertise. We know that when you select an engineering consultant, you are really choosing people who offer you technical expertise, extensive “hands-on” experience with similar projects, and a demonstrated record of quality and responsiveness that will make your project a success. We have carefully selected a core team of skilled professionals to provide a high level of responsiveness to Sumter County, both in terms of exceptional local understanding and support, and extensive technical experience with roadway improvement projects. Our organization chart on the following page clearly defines the relationships and responsibilities of our project team. In addition, resumes are provided at the end of this section for your review.





Resurfacing
 DESIGN AND PERMITTING
 FROM CR 48 TO SR 50



Sumter County Public Works
 Bradley Arnold, County Administrator
 Scott Cottrell, P.E.
 Chris Wert, P.E.

Quality Control/Quality Assurance
 Steve Orr, CET

Project Manager
 Richard Busche, P.E.

Assistant Project Manager
 Amber Gartner, P.E.

Survey
 Kaye Jamison, PSM
 Steve Barley, PSM
 Farner Barley & Associates, Inc.

Public Involvement
 Jonathan Thigpen, P.E.
 Amber Gartner, P.E.

Roadway Design
 Earl Wills, P.E.
 Jonathan Thigpen, P.E.
 Amber Gartner, P.E.
 Paul Soffe
 Chris Malone
 Darryl Courtney

Traffic Operations
 Jonathan Thigpen, P.E.
 Doug Arnold, P.E.
 Amber Gartner, P.E.

Geotechnical
 Ted Strouse
 Barry Ginn, P.E.
 Central Testing Laboratory, Inc.

Drainage Design
 Earl Wills, P.E.
 Gene Losito, E.I.
 Stewart Hill, E.I.



Kimley-Horn
 and Associates, Inc.

Richard Busche, P.E.

Project Manager

Representative Experience

C-466A Widening Project, Sumter County, FL — Served as project manager and chief engineer to the Sumter County Public Works Department for the widening of a 1.1 mile segment of C-466A through the historic residential district of the City of Wildwood. The project involved a significant public outreach program, including neighborhood meetings and workshops with the Sumter County BOCC and the Wildwood City Commission. KHA evaluated the original PD&E for the project and concluded that a three-lane section in the residential area would accommodate the expected traffic while maintaining the character of the corridor, and also significantly reducing right of way acquisition costs. The project scope included public outreach, design and permitting of all improvements, right of way acquisition coordination services, and construction bid administration. KHA oversaw the survey, geotechnical, landscape, right of way coordination subconsultants, and organized the project schedule.

C-466W Rehabilitation, Sumter County, FL — Served as project manager and chief engineer for the planning and design of 5.1 miles of rehabilitation to C-466W between US 301 and I-75. The roadway was experiencing various types of structural failures due to heavy truck traffic serving construction activities in the area. KHA oversaw the geotechnical investigation of the existing pavement, provided the new pavement design for the design life specified by the County, and prepared construction plans and specifications. The project was funded by FDOT and KHA provided coordination between FDOT and the County to gain approval of the County Incentive Grant Program (CGIP) funding for construction.

Morse Boulevard Rehabilitation, Sumter County, FL — Working for Sumter County, oversaw the design, permitting, and construction administration of a two-mile section of roadway in The Villages. The project included rehabilitation plans for pavement repair and the widening of on-street golf cart travel lanes to accommodate electric vehicles.

2010 Resurfacing Program, Sumter County, FL — Working for Sumter County, served as chief engineer on the development of bid documents and specifications for 18 local county road resurfacing contracts. Working in close collaboration with the County Engineering staff, all 18 of the projects were administered under one construction bid, streamlining construction management costs and bringing the project to completion on time and under budget.

Civil Engineering Services, Wildwood, FL — Serving as project manager for the Kimley-Horn team providing general civil engineering and City Engineer consulting services for the City of Wildwood since 2008. Services include design of improvement plans for utility and roadway infrastructure, engineering inspection services, review of engineering plans and applications for development on behalf of the City, attendance at public hearings on behalf of the City, traffic planning services, public workshops, and GIS mapping services.

VCCDD Multimodal Path System Master Plan and Design, The Villages, FL — Project manager and chief engineer for the demolition and reconstruction of more than 12 miles of multi-purpose trails in the jurisdiction of the Village Center Community Development District (VCCDD) in The Villages retirement community. The multi-year project included visioning workshops with public input, design surveys, full construction plans and landscape design, and full time construction administration. The reconstruction projects include significant utility relocations, including potable water, sanitary sewer, and reuse transmission, as well as electric and all other wire utilities. The project was designed, permitted, and constructed on an extremely accelerated schedule and delivered on time to the Owner. Following design approvals, KHA provided full time construction phase administration through to final completion of the project.

Special Qualifications

- Experienced public-sector project manager and team leader for public infrastructure projects, such as roadway improvements, stormwater and utility infrastructure, site planning and development permitting, and public hearing/public meeting oversight
- Recognized expert witness in civil engineering field
- Experienced water resources planner and hydrologic modeler for large-scale watershed improvement projects

Professional Credentials

Bachelor of Science, Civil Engineering, University of Florida

Professional Engineer in Florida

Professional Organizations

Florida Engineering Society (Forest Chapter), Past President

National Society of Professional Engineers

Rotary International

Representative Experience (continued)

Civil Engineering, Traffic Engineering, and Transportation Planning Services, The Villages, FL — Project manager for roadway, residential, recreational facilities, and commercial projects for an engineering project team serving The Villages Community Development District. Responsible for design, permitting, scheduling, and production of engineering plans and specifications for more than 75 separate projects providing roadway and infrastructure for more than 3,300 single-family home sites. Responsible for full permitting with SWFWMD, FDEP, and Sumter County for each individual project.

Belvedere Hamlet, CR 316, Marion County, FL — Project manager for design and permitting of ongoing 100+ acre hamlet subdivision project near US 301 and CR 316. Responsible for design of all engineering and infrastructure systems and full permitting with Marion County and the St. Johns River Water Management District.

CP-13 Stormwater Treatment Area, Marion County, FL — Served as project manager for a stormwater treatment area project under the Marion County Clean Water program. The project involved the design and permitting for a new offline retention facility to collect and filter untreated runoff prior to discharge to a historic sinkhole feature. The treatment area was located on private property and the project included oversight of survey and geotechnical investigations, environmental assessments, stormwater design and construction documents, and bid administration assistance.

Venetian Golf and River Club, Venice, FL — Oversaw design of the master stormwater system for a 1,055-acre residential subdivision with a full 18-hole championship golf course. The project was divided by two watersheds, Cowpen Slough and the Myakka River, and presented numerous challenges during permitting. Nearly one-third of the project was within the floodplain of the Myakka River. Using stream gage data and hydrologic modeling, it was proven that the project was able to discharge its stormwater volume ahead of the Myakka River peak flood crest, thus providing floodplain compensation in the project's stormwater lakes without creating additional floodplain compensation areas.

Stone Creek Communities by Del Webb, Marion County, FL — Project manager for the 4,000-unit Stone Creek retirement community since its inception in 2004. Responsible for the production of more than 60 separate projects, including all plans and designs from initial PUD submittal to full design and permitting of off-site roadway and utility systems, master grading plans and master drainage for the overall project, residential subdivision and all associated infrastructure, a ± 30-acre amenity center, golf clubhouse facility, and 18-hole golf course. Responsible for the preparation of bidding documents, construction contract administration, field inspection services, and coordination of all regulatory closeouts.

Butler Plaza North Development of Regional Impact (DRI) Application for Development Approval (ADA), Gainesville, FL — Served as lead civil engineer for this proposed mixed-use commercial, office, and hotel project encompassing more than 200 acres in the City of Gainesville. The proposed project is being evaluated as a DRI in conjunction with the previously developed Butler Plaza Central and Butler Plaza West. Our services have included planning, environmental, traffic engineering, housing, air quality, and civil engineering.

Gander Mountain, Ocala, FL — Lead engineer for the Kimley-Horn team that provided full design and permitting services for this 96,000-square-foot Gander Mountain store. KHA's services included conceptual planning, assistance with annexation and rezoning public hearings, transportation impact studies, including negotiation with the City and FDOT over crucial access management issues, preparation of full site civil and landscape architecture plans, permitting with all regulatory agencies, and full construction phase services. All design and permitting schedules were met, and the store was opened on time.

Home Depot, Davis Boulevard and Airport Pulling Road, Naples, FL — Responsible for oversight of design and permitting for a 130,000-square-foot Home Depot store. The project was constructed on a failing Scotty's site and presented numerous difficult underground and overhead utility issues. The project also included several improvements to Airport-Pulling Road and the complete design of a traffic signal on Airport Pulling Road at the project's main entrance.

Steve Orr, CET

Quality Control/Quality Assurance

Representative Experience

US 301 PD&E Study (under FDOT District Five direction), Sumter and Marion Counties, FL

Supervised work with other team members. Developed typical section package, drafted portions of the preliminary engineering report, and participated in public information meetings.

I-4 Widening from South of Kirkman Road to South of Orange Blossom Trail, Orlando, FL

Served on the quality assurance/quality control team and was responsible for review of the roadway design. Additional responsibilities included the development of the maintenance of traffic (MOT) plan. This project was developed up to a 60% level for the Florida Department of Transportation (FDOT). The intent is that the FDOT will complete the design and construction of I-4 by bundling our plans along with those developed by other consultant teams and is to be completed using a design-build approach. Development of the MOT plans had to be coordinated with the consultants working on adjacent segments so that the multiple phases would flow seamlessly.

Southern Connector Expressway Corridor Study, Orange and Osceola Counties, FL — Project engineer for the Kimley-Horn team retained by a private developer to investigate the environmental and engineering feasibility of alternative corridor locations for the proposed Southern Connector Expressway. The project extended from west of I-4 to east of Florida's Turnpike in Orange and Osceola Counties and covered an area of approximately 25 square miles.

Jupiter Beach/A1A Recreation Corridor, Jupiter, FL — Served as designer for improvements to this three-mile stretch of scenic beachfront roadway in the Town of Jupiter. Project enhancements included a designated bicycle lane on both sides of the right-of-way, pedestrian walkways with ocean lookout points, refurbished and enhanced landscaping, and beach portals adjacent to dune walkovers. Extensive coordination with the Department of Environmental Resource Management (DERM) and Florida Department of Environmental Protection was necessary because of the fragile beach environment and dune system.

Royal Palm Pointe, Vero Beach, FL — Project manager for the roadway elements of this project for the City of Vero Beach. This project was a comprehensive redevelopment of Royal Palm Pointe. The Pointe served as the western touchdown point for the bridge connecting the mainland to the barrier island. The Florida Department of Transportation removed this bridge and constructed a new bridge further north, isolating the property owners from traffic that used to pass on the way to the beach. In concert with the City and property owners, a two-lane, divided boulevard was created that included additional parking areas, landscaping, architectural entry features, participatory fountain, multi-use building and docks. The project received the Engineering Excellence Award from the Florida Institute of Consulting Engineers in 2001. In addition, the project was awarded the 2002 American Society of Landscape Architects Award of Honor and the American Council of Engineering Companies National Recognition Award for Engineering Excellence in 2002.

Airport Road, West Palm Beach, FL — Served as project manager for this roadway project in Palm Beach County. The firm prepared construction documents to reconstruct three miles of a two-lane rural roadway in western Palm Beach County. A unique aspect of the project included developing a special pavement design that addressed unsuitable muck soils. Additionally, a typical section was developed to meet the demands of the agricultural interests and protected motorists from adjacent roadside canals. Other services included field surveys and permitting.

Special Qualifications

- Has 39 years of design experience on FDOT roadway design projects

Professional Credentials

Associate of Arts, Engineering, Palm Beach Junior College

Associate of Science, Drafting and Design Technology, Palm Beach Junior College

Certified Engineering Technician, National Institute Certification of Engineering Technicians

Traffic Signal Inspector, International Municipal Signal Association

Traffic Control Plan Design, Florida Department of Transportation

Geometric Design, The Traffic Institute, Northwestern University

Work Zone Safety Certification, International Municipal Signal Association

Traffic Signal Certification - Level II, International Signal Municipal Association

Advance Work Zone Traffic Control Certification

Professional Organizations

American Society of Civil Engineers

Representative Experience (continued)

Royal Palm Beach Boulevard Roadway Design, Royal Palm Beach, FL — Project manager responsible for construction documents for reconstructing Royal Palm Beach Boulevard from Southern Boulevard (SR 80) north to Okeechobee Boulevard (1.7 miles). The work consisted of converting an existing two-lane, rural section to a two-lane, urban section with bike lanes in both directions. Other work included the construction of a traffic circle at the intersection of Royal Palm Boulevard and Camellia Drive, the addition of separate pedestrian bridges (four bridges) over two canal crossings, modifying the south approach of Royal Palm Beach Boulevard at Okeechobee Boulevard to accommodate landscaping, and upgrading the water and sewer facilities along the limits of the project.

Worth Avenue Restoration Project, Town of Palm Beach, Palm Beach, FL — Served as senior QC/QA reviewer for this roadway beautification project along one of the Town's most prestigious roadways. This project was brought to life by a group of property owners along the Avenue who wished to revitalize the area and bring it back to its former glory. The project included the construction of a new roadway section, replacement and modification of various underground utilities, replacement of sidewalks with decorative tabby concrete, and the introduction of many landscaping and architectural elements throughout the corridor.

US 1 Corridor Study, Delray Beach, FL — Project engineer on the Kimley-Horn team that was responsible for this study and conceptual design of several blocks of US 1 in Delray Beach. The City and its Community Redevelopment Agency (CRA) adopted the Downtown Delray Beach Master Plan, which has as one of its key elements a reconfiguration of the two one-way segments of US 1 from three lanes to two lanes. Accordingly, Kimley-Horn was retained to evaluate potential changes to the lane configuration along southbound (NE/SE 5th Avenue) and northbound (NE/SE 6th Avenue) segments of US 1 from north of Linton Boulevard (SE 10th Street) to George Bush Boulevard. Kimley-Horn developed alternatives, forecast future traffic volumes for review with the City and the CRA, and led several public involvement workshops at which detailed traffic engineering and design data were presented.

Amber Gartner, P.E.

Assistant Project Manager/Roadway Design/Traffic Operations/Public Involvement

Representative Experience

C-466A Widening Project, Sumter County, FL — Served as project engineer for the County 1.1 mile widening project through the historic residential district of the City of Wildwood. KHA evaluated the original PD&E for the project and concluded that a three-lane section in the residential area would accommodate the expected traffic while maintaining the character of the corridor, and also significantly reducing right of way acquisition costs. The project scope included public outreach, design and permitting of all improvements, right of way acquisition coordination services, and construction bid administration.

C-466A Signal System Retiming, from Morse Boulevard to Farner Place, The Villages, FL
Project engineer on the Kimley-Horn team that recently completed the retiming of three traffic signals along C-466A, a four-lane facility. The project included data collection and development of phasing and timings for three time-of-day plans.

Morse Boulevard Signal System Retiming, from Rio Grande to San Marino, The Villages, FL — Project engineer for retiming two traffic signals along Morse Boulevard, a two-lane facility. The project included data collection and development of phasing and timings for three time-of-day plans.

Traffic Impact Analyses, Alachua County, FL — Project engineer for traffic studies for local land development projects. Worked with spreadsheets to capture link and intersection information. Analyzed future conditions based on historic growth in the area along with committed traffic. Prepared reports accepted by review agency.

Traffic Impact Analyses, Citrus County, FL — Project engineer for traffic studies for local land development projects. Worked with spreadsheets to capture link and intersection information. Analyzed future conditions based on historic growth in the area along with committed traffic. Prepared reports accepted by review agency.

Traffic Impact Analyses, Lake County, FL — Project engineer for traffic studies for local land development projects. Worked with spreadsheets to capture link and intersection information. Analyzed future conditions based on historic growth in the area along with committed traffic. Prepared reports accepted by review agency.

SR 200 Corridor and Signal System Retiming, Ocala, FL — Project engineer for a corridor study with nine signals along a two-mile segment of SR 200, a six-lane roadway that runs through the City of Ocala. The analysis included existing travel time runs along the corridor, transportation modeling to determine future year traffic volumes, running Synchro software to establish coordination signal timings for the peak weekday periods, and identifying mitigation measures to ensure the corridor would operate at an acceptable level of service in the future.

Traffic Impact Analyses, Marion County, FL — Project engineer on Kimley-Horn team that performed several traffic studies for local land development projects. Worked with spreadsheets to capture link and intersection information. Performed extensive analysis of existing and future conditions, including intersection operational analysis and roadway segment analysis. Analyzed future conditions based on historic growth in the area along with committed traffic. Made recommendations for improvements to meet the adopted level of service of the intersections and roadway segments. Prepared reports accepted by review agency. Prepared driveway connection permit applications where applicable.

SR 464 Signal Retiming, SW 7th Avenue to SE 25th Avenue, Ocala, FL — Project engineer on the

Special Qualifications

- More than four years of experience as a transportation engineering analyst
- Experience with AutoCAD, Synchro, Highway Capacity Software (HCS), and ARTPLAN

Professional Credentials

Master of Civil Engineering,
Structural Engineering,
University of Florida,

Bachelor of Science, Materials
Engineering, University of
Florida

Professional Engineer in Florida

Professional Organizations

Florida Engineering Society
(Forest Chapter)

Representative Experience (continued)

Kimley-Horn team that recently completed the retiming of nine traffic signals on SR 464 in the heart of Ocala. The work effort included traffic counts, splitting the week into six time-of-day plans, reviewing master controller settings, clearance intervals, and pedestrian crossing data at each intersection, optimizing intersection phasing and timing, and optimizing offsets between intersections. We provided a report of recommended timings then assisted the City with field implementation. The project resulted in time savings and reduced vehicular stops for the traveling public on this busy corridor.

Archer Road (SR 24)/SW 16th Avenue (SR 226) PD&E Study, Gainesville, FL — Serving as project engineer for the Kimley-Horn team providing traffic engineering services for this PD&E project. Assisting with preparation of a technical traffic memorandum in support of the re-designation of SR 24. Performing design traffic analyses for no-build and build scenarios, including identification of necessary roadway and intersection improvements. Preparing responses and engaging in project meetings with FDOT. Also assisting with public involvement meetings.

Concurrency Management System, Callaway, FL — Served as engineer on the Kimley-Horn team that tailored a CMS and Proportionate Fair-Share Ordinance that specifically addressed the City's needs and established recommendations that provided innovative transportation solutions. Worked closely with City staff, Bay County, FDOT, and DCA to reach these goals.

Butler Plaza North Development of Regional Impact (DRI) Application for Development Approval (ADA), Gainesville, FL — Serving as project engineer on this proposed mixed-use commercial, office, and hotel project encompassing more than 200 acres in the City of Gainesville. Prepared responses for the traffic analysis portion of the ADA submittal. Primary tasks include future traffic volume development, intersection analysis using the Synchro software package, identification of significant and adverse intersection movements, identification of intersection improvements, and proportionate share calculations. Also assisting with document production.

US 441/Pine Avenue Signal System Retiming, from NE 2nd Street to SE 31st Street, Ocala, FL — Project engineer for retiming a coordinated arterial system of six signalized intersections along US 441 in the City of Ocala. The project included data collection, development of phasing and timings for six time-of-day plans, field implementation, fine-tuning, and travel time and delay runs for three time periods during the weekday peak periods. Used Synchro analysis software package to develop recommended timings and prepared the report documentation for submittal to the City.

US 441/27 Signal System Retiming, Lake and Sumter Counties, FL — Project engineer for retiming a coordinated arterial system of seven signalized intersections along US 441/27, from Rolling Acres Road to Buenos Aires Boulevard. The project included data collection, determination of time-of-day change points, development of phasing and timings for three time-of-day plans, resolution of jurisdictional issues between the two counties, field implementation, and fine-tuning.

CR 464 Signal System Retiming, from Midway Road to Bahia Road, Marion County, FL — Project engineer on the Kimley-Horn team that recently completed the retiming of three traffic signals along CR 464, a four-lane facility in Marion County. The project included data collection and development of phasing and timings for three time-of-day plans.

Comprehensive Plan Analyses, Marion County, FL — Performed traffic analysis and forecasting in support of various comprehensive plan amendments (CPA). Prepared responses to agency comments for CPA approval.

Market Street, Ocala, FL — Project engineer provided signal design, timing analysis, and permitting for this project. Also prepared and field implemented signal coordination timings for three signals along State Road 200.

Pine Avenue Signal Retiming, Ocala, FL — Served as transportation engineer and assisted with preparation and implementation of signal coordination plans for seven signals along the Pine Avenue corridor located within the City of Ocala. Used Synchro analysis software package to develop recommended timings and coordinated with the City of Ocala on the field implementation and fine tuning of the signal timings. Prepared report documentation for submittal to the City.

Earl Wills, P.E.

Roadway Design/Drainage Design

Representative Experience

C-466A Widening Project, Sumter County, FL — Served as project engineer to the Sumter County Public Works Department for the widening of a 1.1 mile segment of C-466A through the historic residential district of the City of Wildwood. KHA evaluated the original PD&E for the project and concluded that a three-lane section in the residential area would accommodate the expected traffic while maintaining the character of the corridor, and also significantly reducing right of way acquisition costs. The project scope included public outreach, design and permitting of all improvements, right of way acquisition coordination services, and construction bid administration.

CR 1474 Resurfacing (CR 234 to US 301), Alachua County, FL — Engineer-of-record for the design and plans production associated with this 4.25-mile pavement rehabilitation project for the Alachua County Public Works Department. The project included adding four-foot paved shoulders to the existing two-lane rural roadway, pavement rehabilitation to correct sub-standard cross-slope and increasing pavement service life, as well as the design and permitting of replacement cross-drain culverts. Project included coordination with FDOT and the CSX Railroad regarding work proposed within their respective right-of-ways.

CR 325 Resurfacing (CR 46 to US 301), Alachua County, FL — Engineer-of-record for the design and plans production associated with this eight-mile pavement rehabilitation project for the Alachua County Public Works Department. The project included adding four-foot paved shoulders to the existing two-lane rural roadway, pavement rehabilitation to correct substandard cross-slope and super-elevation, as well as increasing the pavement service life through milling and resurfacing. Project also included coordination with Florida Fish & Wildlife Conservation Commission regarding protection for a bald eagle's nest within the project limits, as well as the design and permitting of replacement cross-drain culverts.

SW 42nd Street Flyover (SR 200 to SW 27th Avenue), Ocala, FL — Project manager for the Kimley-Horn team serving as the lead design engineer for this east-west roadway corridor improvement project through the south side of Ocala. Under this project, SW 42nd Street will be reconstructed as a four-lane urban collector roadway between SR 200 and SW 27th Avenue (1.60 miles) with a new flyover bridge over I-75, approximately 0.5 miles south of the SR 200 interchange. Kimley-Horn is providing a full range of roadway design services, including highway and bridge design, traffic analysis, signing and pavement marking, signalization, permitting (through the St. Johns River Water Management District and the Southwest Florida Water Management District), utility coordination, and public involvement. The team is also working with the City to coordinate with the major land owner (Red Oak Farms) along the proposed alignment in order to minimize right-of-way acquisition.

SW 49th Avenue from SW 95th Street to SW 66th Street, Marion County, FL — Project manager assisting Marion County with the planning and design of SW 49th Avenue, a roadway on new alignment between SW 95th Street and SW 66th Street. This road will provide a new north-south corridor to serve as a reliever to nearby SR 200 in the southwest section of the County. Part of the focus is connecting to a new section running north from SW 66th Street through the Heath Brook development without providing a connection to SW 66th Street—a scenic canopy protected by County ordinance. To achieve this, Kimley-Horn proposed a tunnel through the SW 66th Street overpass embankment to I-75.

SW 95th Street, Marion County, FL — Serving as project manager for Phase III, which involves the planning, preliminary engineering, and design for improvements to SW 95th Street from

Special Qualifications

- Has more than 24 years of professional experience in the management and design of transportation projects
- Experience ranges from the management of small design contracts for local municipalities to the management and design of major arterial highway reconstruction contracts for FDOT
- Specializes in the design and permitting of stormwater management systems for highway projects and has successfully negotiated complex permits for various clients with both the SJRWMD and the SFWMD

Professional Credentials

Bachelor of Science, Civil Engineering, University of Akron
Professional Engineer in Florida
Advanced Traffic Control Design, Florida Department of Transportation
PSMJ Project Management

Professional Organizations

American Society of Highway Engineers

Representative Experience (continued)

SW 60th Avenue to I-75, including the consideration of a new interchange with I-75. The focal point of this assignment is the planning and development of the new proposed interchange with I-75. Kimley-Horn is currently undertaking the Interchange Justification Report (IJR). Kimley-Horn is also working with FDOT and FHWA to determine the need for the interchange and will evaluate the impacts on the operations of I-75 and the existing adjacent interchanges. Services include planning, roadway design, transportation engineering, public involvement, environmental services, surveying, drainage issues, and permitting.

SW 91st Street, Alachua County, FL — Project manager. Kimley-Horn provided roadway design and permitting services for the milling, resurfacing and implementation of traffic calming features for a 1.0 mile section of SW 91st Street in Gainesville. SW 91st Street within this project area is designated a scenic roadway and it is this designation that has generated a great deal of public interest. During the planning stage Kimley-Horn supported Alachua County in conducting a design charrette to determine traffic calming features that would be supported by the public. The requested traffic calming features were incorporated into the design and presented to the Board of County Commissioners for approval. Due to public concerns that the impacts to existing trees would be too great the traffic calming features were deleted from the project. The project proceeded to final plans as a milling and resurfacing project with two-foot paved shoulders and an eight-foot multi-use path along one side. The alignment of the path was developed in coordination with the public to minimize tree impacts. In addition providing roadway design services the Kimley-Horn team also performed drainage design analysis and permitting with St. Johns River Water Management District, as well as provided landscape and irrigation plans to offset impacts to existing trees.

SR 115 (Martin Luther King, Jr. Parkway) Resurfacing, Jacksonville, FL — Project manager for the Kimley-Horn team that was contracted to provide design and plans production services for the 3R resurfacing of a three-mile section of urban arterial roadway within northwest Jacksonville. The project included upgrading existing safety features (guardrail, crash cushions, etc.) to meet current safety standards, as well as developing a pavement design to extend the service life of the existing pavement. The existing super-elevation rates for all curves were evaluated, as well as the pavement cross-slope on the tangent sections of the roadway. Pavement cross-slope correction details were developed and included in the construction plans to ensure accurate asphalt quantities for bidding and construction control for the contractor. A design exception was prepared for existing substandard vertical clearance provided under a pedestrian overpass.

SR 298 (Lillian Highway) from East of Fairfield Drive to New Warrington Road in Escambia County, FDOT District Three — Project manager for this 2.67-mile urban resurfacing project in Escambia County. The project includes a Level II community awareness program with a public involvement presentation to the community and elected officials. Design elements include resurfacing the existing pavement to extend pavement surface life, processing design exceptions and variances for existing clear zone violations to remain, updating the roadway corridor to meet ADA requirements, and updating school zone signing and pavement markings to meet current standards for the three schools within the project limits. Construction plans and specifications will be prepared to meet current FDOT criteria for electronic plans delivery.

SR 77 (Main Street/North 6th Street) from SR 273 (Glenwood Avenue) to the Jackson County/Washington County Line, FDOT District Three — Project manager for this 2.85-mile, two-lane rural resurfacing project in Washington County. The project includes design of a guardrail system that meets length of advancement criteria and current three beam attachment standards for connection to the existing Helms Branch Bridge. The existing super-elevation rates for all curves were evaluated, as well as the pavement cross-slope on the tangent sections of the roadway. Pavement cross-slope correction details were developed and included in the construction plans to ensure accurate asphalt quantities for bidding and construction control for the contractor. A design exception will be prepared for existing substandard shoulder widths in those areas adjacent to environmentally-sensitive wetlands. Construction plans and specifications will be prepared to meet current FDOT criteria for electronic plans delivery.

Jonathan Thigpen, P.E.

Roadway Design/Traffic Operations/Public Involvement

Representative Experience

C-466A Widening Project, Sumter County, FL — Served as project engineer to the Sumter County Public Works Department for the widening of a 1.1 mile segment of C-466A through the historic residential district of the City of Wildwood. The project involved a significant public outreach program, including neighborhood meetings and workshops with the Sumter County BOCC and the Wildwood City Commission. KHA evaluated the original PD&E for the project and concluded that a three-lane section in the residential area would accommodate the expected traffic while maintaining the character of the corridor, and also significantly reducing right of way acquisition costs. The project scope included public outreach, design and permitting of all improvements, right of way acquisition coordination services, and construction bid administration. KHA oversaw the survey, geotechnical, landscape, right of way coordination subconsultants, and organized the project schedule.

Morse Boulevard (Phase I), Sumter County, FL — Served as project manager for resurfacing and intersection improvements of Morse Boulevard in Sumter County in the vicinity of Morse Boulevard and C466. Responsible for development of conceptual design, public workshops, and oversight of construction plans and permitting of all roadway improvements.

CR 466 Widening, Sumter and Lake Counties, FL — As part of the Kimley-Horn team, prepared construction plans for nine miles of widening CR 466 from two lanes to a four-lane divided/five lane urban section spanning two counties. Kimley-Horn's services included development of an access management plan; preparation of roadway construction plans for the entire corridor in five phases; drainage design and permitting; design of seven traffic signals; utility coordination; coordination with The Villages' General Consultant and several consultants working in the area; and coordination and approvals through the Sumter County and Lake County Engineering Departments.

C-462 Preliminary Engineering Study, Sumter County, FL — Project manager for this study that is currently underway to determine the feasibility of four-laning C-462 and removing the break at US 301.

C-466W PD&E Study, Sumter County, FL — Project manager for this PD&E study examining the feasibility of fourlaning C-466W from US 301 to I-75.

Civil Engineering, Traffic Engineering, and Transportation Planning Services, The Villages, FL Serves as traffic engineer for The Villages, a retirement community consisting of more than 20,000 acres of land in Lake, Sumter, and Marion counties. Kimley-Horn is providing traffic engineering and transportation planning services on an ongoing basis. In addition to DRI analyses, we have performed a variety of consulting services for The Villages: transportation modeling, origin-destination studies, access management studies, signal warrant studies, signal design, monitoring and modeling studies, interchange justification studies, traffic counts, miscellaneous conceptual planning, construction traffic studies, bridge design/inspection, PD&E studies, and roadway design.

VCCDD Multimodal Path System Master Plan and Design, The Villages, FL — Serving as project manager. Kimley-Horn led a team of specialized professionals to work with the public at large to develop a master plan for more than 14 miles of proposed multiuse paths that are intended to be used by cyclists, pedestrians, and golf carts. Kimley-Horn prepared for and facilitated numerous public meetings and workshops where hundreds of people attended and provided comments and input into the process. Routes and alignments were developed and identified

Special Qualifications

- Transportation engineer with 14 years of experience who has managed a wide range of transportation planning and design projects
- Expert in traffic analysis, having performed more than 200 impact studies
- Expertise in CORSIM, Synchro Pro, HCS, and aaSIDRA
- Experienced in FDOT permitting, multimodal corridor studies, FDOT safety and operational improvement studies, cost/benefit analyses, traffic impact analyses, and traffic signal design
- Experienced with FSUTMS modeling and GIS applications
- Experienced in access, circulation, and roadway design
- Resident of Marion County

Professional Credentials

Bachelor of Science, Civil and Environmental Engineering, Georgia Institute of Technology
Professional Engineer in Florida

Professional Organizations

Florida Engineering Society, Forest Chapter President, 2003-2004

2007 Graduate, Florida Engineering Leadership Institute

Sunset Rotary Club, Founding Member, Paul Harris Fellow

Consulting Engineers' Legislative Counsel



Representative Experience (continued)

and later an enhanced 15.5-foot cross section was developed to meet the special needs of the golf cart-friendly community. Signage, safety modifications, and tunnel concepts were also defined. Once the master plan was completed, a detailed implementation and phasing plan was developed based on community needs and input from the public. Upon the successful completion of this project, KHA was selected for the design and permitting. This project is currently under construction, and KHA is providing construction phase services.

SE 31st Street Design and Right-of-Way (ROW) Mapping, Ocala, FL — Serving as traffic engineer on the Kimley-Horn team that provided engineering and design of SE 31st Street from SE 19th Avenue to SR 464 to connect SE 31st Street to SR 464 and provide an appropriate four-lane roadway through the residences on SE 31st Street. This project was accomplished in two phases. Phase I involved a preliminary engineering and conceptual layout phase that determined the alignment of the roadway and the locations for the required stormwater treatment ponds. The second phase was the preparation of final engineering plans and contract documents for construction, including pursuing permits from the CSX Railroad and the St. Johns River Water Management District.

SW 95th Street, Marion County, FL — Project manager. Kimley-Horn is assisting the County with the SW 95th Street Corridor project, which is a three-phase project being constructed through a public/private partnership. Phase I and II involved the design of improvements from SR 200 to SW 80th Avenue; and Phase III involves the planning, preliminary engineering, and design for improvements to SW 95th Street from SW 60th Avenue to I-75, including consideration of a new interchange with CR 475A. When combined, the three phases of the SW 95th Street project form a much needed east-west corridor connecting the southwest quadrant of Marion County with I-75.

SW 42nd Street Flyover (SR 200 to SW 27th Avenue), Ocala, FL — Project engineer on the Kimley-Horn team serving as the lead design consultant for this east-west roadway corridor improvement project through the south side of Ocala. Under this project, SW 42nd Street will be reconstructed as a four-lane urban collector roadway between SR 200 and SW 27th Avenue (1.60 miles) with a new flyover bridge over I-75, approximately 0.5 miles south of the SR 200 interchange. Kimley-Horn is providing a full range of roadway design services, including highway and bridge design, traffic analysis, signing and pavement marking, signalization, permitting, utility coordination, and public involvement. The team is also working with the City to coordinate with the major land owner (Red Oak Farms) along the proposed alignment in order to minimize right-of-way acquisition.

CR 1474 Resurfacing (CR 234 to US 301), Alachua County, FL — Project manager for the design and plans production associated with this 4.25-mile pavement rehabilitation project for the Alachua County Public Works Department. The project included adding four-foot paved shoulders to the existing two-lane rural roadway, pavement rehabilitation to correct sub-standard cross-slope and increase pavement service life, as well as the design and permitting of replacement cross-drain culverts. Project included coordination with FDOT and the CSX Railroad regarding work proposed within their respective right-of-way.

CR 325 Resurfacing (CR 46 to US 301), Alachua County, FL — Project manager for the design and plans production associated with this 8-mile pavement rehabilitation project for the Alachua County Public Works Department. The project included adding four-foot paved shoulders to the existing two-lane rural roadway, pavement rehabilitation to correct substandard cross-slope and super-elevation, as well as increase the pavement service life through milling and resurfacing. Project also included coordination with Florida Fish & Wildlife Conservation Commission regarding protection for a bald eagle's nest within the project limits, as well as the design and permitting of replacement cross-drain culverts.

Representative Experience

C-466A Widening Project, Sumter County, FL — Served as designer to Sumter County for the widening of a 1.1 mile segment of C-466A through the historic residential district of the City of Wildwood. KHA evaluated the original PD&E for the project and concluded that a three-lane section in the residential area would accommodate the expected traffic while maintaining the character of the corridor, and also significantly reducing right of way acquisition costs. The project scope included public outreach, design and permitting of all improvements, right of way acquisition coordination services, and construction bid administration.

SW 42nd Street Flyover (SR 200 to SW 27th Avenue), Ocala, FL — Designer on the Kimley-Horn team serving as the lead design consultant for this east-west roadway corridor improvement project through the south side of Ocala. Under this project, SW 42nd Street will be reconstructed as a four-lane urban collector roadway between SR 200 and SW 27th Avenue (1.60 miles) with a new flyover bridge over I-75, approximately 0.5 miles south of the SR 200 interchange. Kimley-Horn is providing a full range of roadway design services, including highway and bridge design, traffic analysis, signing and pavement marking, signalization, permitting, utility coordination, and public involvement. The team is also working with the City to coordinate with the major land owner (Red Oak Farms) along the proposed alignment in order to minimize right-of-way acquisition.

SE 31st Street Design and Right-of-Way (ROW) Mapping, Ocala, FL — Serving as designer for the signalization portion of this project. The Kimley-Horn team is assisting the County with the engineering and design of SE 31st Street from SE 19th Avenue to SR 464 to connect SE 31st Street to SR 464 and provide an appropriate four-lane roadway through the residences on SE 31st Street. This project will be accomplished in two phases. Phase I involved a preliminary engineering and conceptual layout phase that determined the alignment of the roadway and the locations for the required stormwater treatment ponds. The second phase has been authorized by Marion County and includes the preparation of final engineering plans and contract documents for construction and will include pursuing permits from the CSX Railroad and the St. Johns River Water Management District. Based on the significant growth occurring in southeast Marion County, this connection will be more needed than ever to allow traffic to take advantage of SE 31st Street as a parallel arterial to SR 464.

Carlton Arms Expansion on SW 20th Street, Ocala, FL — Served as designer for the traffic signal at SW 20th St. and Carlton Arms on this project. The Kimley-Horn team performed traffic analyses for numerous local land development projects, including this proposed addition of 360 apartments. Performed detailed analysis of existing conditions at the peak hour, including link analysis and intersection operational analysis. Used FSUTMS to determine project trip distribution. Tested for significant impact on roadways from project traffic to determine study area. Examined future conditions based on historical growth and committed traffic and provided necessary improvements to meet adopted LOS standards at project buildout.

North Shore Area Roadway Improvements, Miami Beach, FL — Served as designer on this project that included streetscape design, urban design, landscape architecture, roadway engineering, and transportation-related services for the design of approximately three miles of urban streetscape improvements in the North Shore area of Miami Beach. The area is currently undergoing a major resurgence both commercially and residentially. Initiated in 1989, this project has developed into a \$16.5 million program of improvements, with an emphasis on enhancement of the downtown area and the pedestrian activity areas. One of the key components of this project was solving traffic congestion along a major arterial route, Collins

Special Qualifications

- More than 28 years experience in roadway design drafting, including bridge/structure design, with a special expertise in the development of signing and pavement marking plans
- More than four years experience in various CADD software design packages, including SOFTDESK, MicroStation, AutoCAD, and GEOPAK

Professional Credentials

Associate of Science, Broward Community College

Representative Experience (continued)

Avenue, by upgrading the two-lane roadway to three lanes. Kimley-Horn was successful in obtaining more than \$8 million in county and state funding in addition to a \$1.6 million ISTE grant through the Metropolitan Planning Organization for development of a 1.5-mile bicycle/pedestrian corridor along the oceanfront.

SR 5/US 1 PD&E Study and Final Design, FDOT District Four — Served as designer of the signalization, signing and pavement marking, and traffic control portion on this project for the widening of State Road 5/US 1 in St. Lucie County from Rio Mar Drive to Midway Road. The project included reconstruction of the existing five-lane rural section to a six-lane divided curb and gutter section. A portion of the project included design of a regional approach to stormwater management, which required extensive coordination with the North St. Lucie River Water Control District.

16th and 17th Street Improvements, FDOT District Four — Served as designer for the signalization, signing and pavement marking, and traffic control portion of the improvements consisting of widening and resurfacing 16th and 17th Street from US 1(SR 5) in Vero Beach to west of 14th Avenue. This project featured many off-site flows and unique conditions that were considered in the stormwater system design.

Traffic Impact Analyses, Marion County, FL — Served as designer for the Kimley-Horn team that performed traffic analyses for numerous local land development projects, including this proposed addition of 360 apartments. Performed detailed analysis of existing conditions at the peak hour, including link analysis and intersection operational analysis. Used FSUTMS to determine project trip distribution. Tested for significant impact on roadways from project traffic to determine study area. Examined future conditions based on historical growth and committed traffic and provided necessary improvements to meet adopted level-of-service standards at project buildout.

US 1 (Biscayne Boulevard) Over NE 203rd Street PD&E Study and Final Design, FDOT District Six — As designer, along with a coordinating engineer, designed and drafted a functional layout, including above- and at-grade transitions for this \$30-million interchange.

Witham Field, Martin County, FL — Served as a member on this Kimley-Horn team. This project has many roadway design features such as the addition of a taxiway, drainage, and pavement markings. Was responsible for drafting this project using roadway principles with airport guidelines.

SR A1A (Flagler Memorial Bridge) Replacement Design-Build Criteria Package and Construction Phase Services, West Palm Beach, FL — Designer for development of design-build criteria package for replacement of the existing four-lane bascule bridge across the Intracoastal Waterway. Kimley-Horn is responsible for the concept design and the development of the construction RFP with an estimated cost of \$98 million. The design of the approach roadways, drainage systems, and construction phasing TCP is developed to 90% and included concept development of signing/markings, signalization, lighting, structures and landscape plans. The scope also included extensive public involvement, permitting, and utility coordination efforts. Our services will also include reviews of design-build plans, construction documents, and additional coordination with stakeholders, permitting agencies, and utilities.

SR 80 PD&E Study and Final Design, FDOT District Four — As designer, responsible for providing preliminary functional layout on this complex project.

Chris Malone

Roadway Design

Representative Experience

C-466A Widening Project, Sumter County, FL — Served as designer to the Sumter County Public Works Department for the widening of a 1.1 mile segment of C-466A through the historic residential district of the City of Wildwood. KHA evaluated the original PD&E for the project and concluded that a three-lane section in the residential area would accommodate the expected traffic while maintaining the character of the corridor, and also significantly reducing right of way acquisition costs. The project scope included public outreach, design and permitting of all improvements, right of way acquisition coordination services, and construction bid administration.

Civil Engineering, Traffic Engineering, and Transportation Planning Services, The Villages, FL — Provided CADD design services for this retirement community consisting of more than 20,000 acres of land in Lake, Sumter, and Marion counties. Approximately 1/3 built, The Villages has more than 17,200 occupied homes with an estimated 32,700 residents. The Villages is a self-contained community with a wide range of retail, office, and recreational opportunities. It has its own churches, medical center, movie theatres, brewery, newspaper, and many other on-site services and amenities. Its developers have built or have proposed 450 holes of golf. Home sales are estimated at a rate of 2,400 per year, making The Villages one of the largest, if not the largest, single-site real estate developer in the United States. Robert Charles Lesser, LLC, ranks The Villages number 1 on the list of 2003's best-selling master-planned communities in the country.

General Consulting Services (includes Oakley Seaver Drive extension), Clermont, FL — Serving as project designer. Kimley-Horn is providing a variety of engineering services for the City of Clermont involving roadway, utility, stormwater, and streetscape services. Projects include the Oakley Seaver Drive extension, Winona Bridge Study, downtown streetscape, drainage studies, and Bloxam Avenue improvements.

Victor Posner City Center DRI, Davenport, FL — Provided CADD design services for this commercial/residential site impacting US 27 and I-4 in Polk County. This multi-phase project involves the redevelopment of the area formerly known as Boardwalk and Baseball. Additional services being provided include preparation of a flood study, CDD-related tasks, preliminary design, construction documents, and permitting with FDOT.

Holly Hill Grove Road, Davenport, FL — Provided CADD design services on this roadway improvement project.

The Villages of Lake Highland, Lakeland, FL — Provided CADD design services for this gated apartment complex.

Grand View Landings, Lakeland, FL — Provided CADD design services for this single-family subdivision.

Reflections West, Lakeland, FL — Provided CADD design services for this residential subdivision with wetland impacts.

Special Qualifications

- More than 14 years of experience in land development as a technician and designer using AutoCAD
- Experience includes roadway geometrics, profiles, cross sections, earthwork computations, traffic control plans, signalization plans, signing and marking plans, stormwater design, sanitary sewer design, potable water system design, irrigation system design, reclaimed water system design, subdivision recording plats, structural steel detailing, mitigation plans, and conceptual land planning

Professional Credentials

Architectural Drafting/Computer Aided Drafting, Triviss Technical Center

Real Estate Licensing Course, Polk Community College

Darryl Courtney

Roadway Design

Representative Experience

C-466A Widening Project, Sumter County, FL — Served as designer to the Sumter County Public Works Department for the widening of a 1.1 mile segment of C-466A through the historic residential district of the City of Wildwood. KHA evaluated the original PD&E for the project and concluded that a three-lane section in the residential area would accommodate the expected traffic while maintaining the character of the corridor, and also significantly reducing right of way acquisition costs. The project scope included public outreach, design and permitting of all improvements, right of way acquisition coordination services, and construction bid administration.

VCCDD Multimodal Path System Master Plan and Design, The Villages, FL — Serving as a project designer. Part of the Kimley-Horn team that designed the reconstruction of more than 14 miles of multiuse paths intended for use by cyclists, pedestrians, and golf carts. Once construction began, served as client's on-site representative during all aspects of construction.

SW 67th Avenue (Phase II), Ocala, FL — Project designer responsible for the design of this 0.8 mile new roadway for the City of Ocala. Services included the preparation of construction ready drawings. The design included alignment selection between two existing County-owned landfills, coordination with governing municipality, utility providers, and the Florida Department of Transportation.

CR 325 Resurfacing (CR 346 to US 301), Alachua County, FL — Project designer on the Kimley-Horn team preparing resurfacing plans for this eight-mile pavement rehabilitation project for Alachua County. The project includes adding four-foot paved shoulders to the existing two-lane rural roadway and pavement rehabilitation to correct substandard cross-slope and super elevation and to increase the pavement service life through milling and resurfacing. Project also included coordination with the Florida Fish and Wildlife Conservation Commission regarding protection for a bald eagle's nest within the project limits and design and permitting of replacement cross-drain culverts through the St. Johns River Water Management District (SJRWMD).

SW 91st Street (Segment 179) Resurfacing Project, Gainesville, FL — Serving as designer for the Kimley-Horn team preparing the roadway design for this resurfacing project for the Alachua County Public Works Department. Tasks include design and development of improvement plans, preparation of exhibits for public meetings, and assisting with drainage analysis and permitting.

3R Resurfacing Project, Alachua County, FL — Designer for two resurfacing projects (CR 325 and CR 1474) totaling 12 miles of road in Alachua County. The project included adding shoulders, bringing the corridor up to current safety/design standards, CSX Railroad permitting, and evaluating alternatives for resurfacing the corridors.

Silver Springs Shores Sidewalk Project, Marion County, FL — Project manager and designer for this 19-mile design/build sidewalk construction project. Responsibilities included project management, coordination and design of all aspects of this project, and providing direction to team members. Other duties included coordination with project engineer, County representatives, Florida Department of Transportation (FDOT), and the contractor/client.

The Shops at Foxwood, Ocala, FL — Serving as designer for the Kimley-Horn team providing engineering services for this project. Tasks include preparation of site, grading, and utility plans. Provided site specific plans as needed for client and developed the project's preliminary plat.

Special Qualifications

- More than 24 years of experience related to design, review, and inspection of development projects
- Proficient in AutoCAD, Land Development Desktop, Civil 3D, StormCAD, Arcview/ GIS, and all Microsoft Office software
- Experienced in all phases of roadway construction
- Experienced in multiple regulatory agency permitting processes
- Experienced in governmental developmental development review processes

Professional Credentials

Associate of Arts, (with Honors),
Santa Fe Community College

Qualified Stormwater
Management Inspector

Representative Experience (continued)

Also assisted with permitting efforts through the Southwest Florida Water Management District (SWFWMD), Marion County, the City of Ocala (utilities), and the Florida Department of Transportation (FDOT) (drainage and driveway/utility connection).

Equestrian Village (Golden Ocala), Ocala, FL — Primary designer for this 160-lot residential subdivision. Responsibilities included the design of horizontal and vertical roadway alignments, sanitary sewer system, water distribution system, and stormwater piping system. Other duties included the preparation of the preliminary plat and coordination with project team and utility companies.

Butler Plaza North Development of Regional Impact (DRI) Application for Development Approval (ADA), Gainesville, FL — Serving as project designer on this proposed mixed-use commercial, office, and hotel project encompassing more than 200 acres in the City of Gainesville. Assisting with document preparation and civil engineering tasks. Our services also include planning, environmental, traffic engineering, housing, and air quality.

University House Apartment Complex, Gainesville, FL — Primary designer for this five-building, 185-unit apartment complex. Responsibilities included the design of all infrastructure, such as stormwater facilities, sanitary sewer, potable water, parking areas, and grading. Currently providing construction phase services for this project.

Arban's Lore, Ocala, FL — Primary designer for a 190-lot residential subdivision. Responsibilities included the design of horizontal and vertical roadway alignments, sanitary sewer system, water distribution system, and stormwater piping system. Other duties included plans preparation, coordination with project manager, other team members, and utility companies.

University Corners, Gainesville, FL — Designer for this 4.4-acre mixed-use redevelopment project in downtown Gainesville. The project included demolition of three city blocks and redevelopment as an eight-story mixed-use development on the northwest corner of NW 13th Street and West University Avenue across from the University of Florida. Primary duties included the design of the reconstruction of two City streets, the coordination with the project's architect, landscape architect, City and Florida Department of Transportation (FDOT) representatives, and other key members of the project team.

Gene Losito, E.I.

Drainage Design

Representative Experience

C-466A Widening Project, Sumter County, FL — Served as analyst to the County for the widening of a 1.1 mile segment of C-466A. KHA evaluated the original PD&E for the project and concluded that a three-lane section in the residential area would accommodate the expected traffic while maintaining the character of the corridor, and also significantly reducing right of way acquisition costs. The project scope included public outreach, design and permitting of all improvements, right of way acquisition coordination services, and construction bid administration.

Civil Engineering Services, Wildwood, FL — Serving as analyst for the Kimley-Horn team providing general civil engineering and City Engineer consulting services for the City of Wildwood. Services include design of improvement plans for utility and roadway infrastructure, engineering inspection services, review of engineering plans and applications for development on behalf of the City, attendance at public hearings on behalf of the City, traffic planning services, public workshops, and GIS mapping services. Specifically involved with review of utility master plans and drainage/flooding issues.

VCCDD Multimodal Path System Master Plan and Design, The Villages, FL — Serving as project analyst on the Kimley-Horn team working with the public at large to develop a master plan for more than 14 miles of proposed multiuse paths that are intended to be used by cyclists, pedestrians, and golf carts. Kimley-Horn prepared for and facilitated numerous public meetings and workshops where hundreds of people attended and provided comments and input into the process. Routes and alignments were developed and identified and later an enhanced 15.5-foot cross section was developed to meet the special needs of the golf cart-friendly community. Signage, safety modifications, and tunnel concepts were also defined. Once the master plan was completed, a detailed implementation and phasing plan was developed based on community needs and input from the public. Upon the successful completion of this project, KHA was selected for the design and permitting. This project is currently under construction, and KHA is providing construction phase services.

SW 67th Avenue (Phase II), Ocala, FL — Serving as drainage analyst and assisting with the permitting on this roadway design project for the City of Ocala.

C-462 PD&E Study, Wildwood, FL — Analyst for the Kimley-Horn team that is performing a PD&E study for the Sumter County Board of County Commission on C-462 from CR 209 to C-466A. Specifically involved with preparation of the pond siting report.

Engineering and Related Services, Lake Wales, FL — Serving as project analyst for the Kimley-Horn team that is providing consulting services to the City of Lake Wales. Specifically involved with the engineering design and permitting for an elevated storage tank, as well as plan modifications for the Lake Wales Wastewater Treatment Facility.

General Professional Engineering Services, Dunnellon, FL — Kimley-Horn was selected in 2009 for general civil engineering consulting services on a variety of municipal projects for the City, including the following:

Water and Wastewater System Mapping. Analyst on the Kimley-Horn team that prepared complete system maps of the City's water and wastewater utilities in geographic information system (GIS) format. System maps included utility line locations, line sizes and materials, and lift station wet well and pump information. Assisted with map revisions.

Special Qualifications

- More than five years of experience as a civil analyst
- Proficient in AutoCAD Civil 3d, ICPR, Ponds, StormCAD, and WaterCAD

Professional Credentials

Bachelor of Science, Civil and Environmental Engineering, University of Florida

Associate of Arts, Civil Engineering, Central Florida Community College

Engineering Intern in Florida

Professional Organizations

American Society of Civil Engineers

Florida Engineering Society

Representative Experience (continued)

Datesman Park Master Plan. Analyst for the Kimley-Horn team that designed, permitted, and provided construction administration services for this project as part of our on-call consulting contract with the City of Dunnellon.

Stone Creek Communities by Del Webb, Marion County, FL — Analyst on the Kimley-Horn team providing civil engineering services for the 4,000-unit Stone Creek retirement community. Assisting with drainage, permitting, and construction phase services for several subprojects within this development.

Family Dollar Store, US 27/45th Street, Ocala, FL — Analyst on the Kimley-Horn team that provided construction phase services and plan revisions for this project. Tasks included preparation of drainage report, utility correspondence, and permitting.

Sunstate Federal Credit Union, Gainesville, FL — Analyst for the Kimley-Horn team that provided off-site design and construction phase services. Assisted with preparation of requested calculations and documentation.

Lake County Assisted Living Facility, Lady Lake, FL — Served as project analyst for the Kimley-Horn team that designed, permitted, and provided construction administration services on this project. Specific tasks included drainage design, agency coordination, preparation of shop drawings, and field visits.

The Shops at Foxwood, Ocala, FL — Served as project analyst for the Kimley-Horn team that provided engineering services for this retail project in Ocala. Responsibilities included permitting with FDOT, FDEP, and City of Ocala; construction phase services; agency coordination; and site visits.

Doug Arnold, P.E.

Traffic Operations

Representative Experience

Traffic Impact Analyses, Alachua, Citrus, Lake, Marion, and Sumter Counties, FL — Project analyst for traffic studies for local land development projects. Worked with spreadsheets to capture link and intersection information. Performed extensive analysis of existing and future conditions, including intersection operations using HCS and Synchro, as well as roadway segment analysis. Analyzed future conditions based on historic growth in the area along with committed traffic. Made recommendations for improvements to meet level of service requirements. Prepared reports accepted by review agency.

Miscellaneous Traffic Impact Analyses, Ocala, FL — Performed more than 20 traffic impact analysis in the past three years in the City of Ocala. Main responsibilities included data collection, calculation of trip generation, determination of trip distribution using transportation modeling, roadway level of service analysis, intersection level of service analysis using Synchro and HCS software, and analysis of mitigation alternatives. Ultimately, all developments were approved and recommendations from their impact analyses ensured acceptable level of service on roadways and intersections affected by the proposed developments at their build-out.

Design Traffic Analysis, Ocala/Marion County, FL — Project analyst for multiple design traffic analyses, including SE 31st Street, SW 49th Avenue, SW 95th Street, and SW 42nd Street. Used spreadsheets to establish turning movement volumes at intersections. Determined necessary future design for roadways and intersections to accommodate future traffic volumes.

SR 200 Corridor Study and Signal System Retiming, Ocala, FL — Project engineer for a corridor study with nine signals along a two-mile segment of SR 200, which is a six-lane roadway that runs through the City of Ocala. The analysis included existing travel time runs along the corridor, transportation modeling to determine future year traffic volumes, running Synchro software to establish coordination signal timings for the peak weekday periods, and identifying mitigation measures to ensure the corridor would operate at an acceptable level-of-service in the future.

SW 42nd Street Flyover (SR 200 to SW 27th Avenue), Ocala, FL — Project analyst on the Kimley-Horn team serving as the lead design consultant for this east-west roadway corridor improvement project through the south side of Ocala. Under this project, SW 42nd Street will be reconstructed as a four-lane urban collector roadway between SR 200 and SW 27th Avenue (1.60 miles) with a new flyover bridge over I-75, approximately 0.5 miles south of the SR 200 interchange. Kimley-Horn is providing a full range of roadway design services, including highway and bridge design, traffic analysis, signing and pavement marking, signalization, permitting, utility coordination, and public involvement. The team is also working with the City to coordinate with the major land owner (Red Oak Farms) along the proposed alignment in order to minimize right-of-way acquisition.

US 441/Pine Avenue Signal System Retiming, from NE 2nd Street to SE 31st Street, Ocala, FL
Project engineer for retiming a coordinated arterial system of six signalized intersections along US 441 in the City of Ocala. The project included data collection, development of phasing and timings for six time-of-day plans, field implementation, fine-tuning, and travel time and delay runs for three time periods during the weekday peak periods.

SW 95th Street Interchange Justification Report (IJR), Ocala, FL — Project analyst for the SW 95th Street IJR. Worked with other staff to calculate future roadway conditions with and without the proposed interchange at SW 95th Street. Determined necessary future design for intersections to accommodate future traffic volumes.

Special Qualifications

- Seven years of experience as a transportation engineering analyst involved in numerous traffic analysis and studies
- Experience with Synchro, Highway Capacity Software (HCS), GIS, AutoCAD, Cube, and Highplan/ARTPLAN

Professional Credentials

Master of Civil Engineering,
Civil Engineering, Michigan
Technological University

Bachelor of Science, Civil
Engineering, Michigan
Technological University

Professional Engineer in Florida

Professional Organizations

Florida Engineering Society

National Society of Professional
Engineers

Representative Experience (continued)

Transportation Modeling, Florida — Experienced with various transportation models within the State of Florida that use Tranplan and Cube software. Models include the Central Florida Regional Planning Model (CFRPM), Tampa Bay Regional Planning Model (TBRPM), Bay County Model, Southeast Florida Regional Planning Model (SERPM), and the Gainesville Urban Area Transportation Systems (GUATS) model.

Comprehensive Plan Amendments, Marion County, FL — Project analyst for local comprehensive plan amendments. Performed traffic analyses to support multiple comprehensive plan amendments in Marion County. Analyzed future conditions analysis of roadways based on proposed and maximum intensities. Prepared reports accepted by review agency.

Signal Warrant Analysis, Ocala, FL — Performed a signal warrant analysis for an intersection in Ocala that provides access for more than 500,000 square feet of retail development. The analysis was performed consistent with the Manual on Uniform Traffic Control Devices (MUTCD).

CR 464 Signal System Retiming, from Midway Road to Bahia Road, Marion County, FL — Project engineer on the Kimley-Horn team that recently completed the retiming of three traffic signals along CR 464, a four-lane facility in Marion County. The project included data collection and development of phasing and timings for three time-of-day plans.

Butler Plaza North Development of Regional Impact (DRI) Application for Development Approval (ADA), Gainesville, FL — Serving as task manager and traffic analyst and prepared responses for Question 21 Transportation of the ADA submittal for this proposed mixed-use commercial, office, and hotel project encompassing more than 200 acres in the City of Gainesville. Tasks included creating ADA maps, preparing roadway and intersection analysis, providing trip generation and study area information, and assisting with submittal to the North Central Florida Regional Planning Council.

Stewart Hill, E.I.

Drainage Design

Representative Experience

C-466A Widening Project, Wildwood, FL — Serving as project analyst. Assisting engineer with drainage design and documentation for agency meetings. Also worked on project concept plans using ICPR and GIS modeling.

C-466W PD&E Study, Sumter County, FL — Analyst for the Kimley-Horn team that is performing a PD&E study for the Sumter County Board of County Commission on C-466W. Specifically involved with preparation of the pond siting report and drainage maps.

C-462 PD&E Study, Wildwood, FL — Analyst for the Kimley-Horn team that is performing a PD&E study for the Sumter County Board of County Commission on C-462 from CR 209 to C-466A. Specifically involved with preparation of the pond siting report and drainage maps.

Osceola Avenue Drainage Improvements, Wildwood, FL — Served as analyst on the Kimley-Horn team that provided neighborhood drainage improvements in the City of Wildwood. Specifically involved in the preparation of a drainage analysis report and drainage maps for submittal to the Southwest Florida Water Management District.

Pitt Street Drainage Improvements, Wildwood, FL — Served as analyst on the Kimley-Horn team that provided neighborhood drainage improvements in the City of Wildwood. Specifically involved in the preparation of a drainage analysis report and drainage maps for submittal to the Southwest Florida Water Management District.

SW 67th Avenue (Phase II), Ocala, FL — Serving as drainage analyst for this roadway design project for the City of Ocala. Specific tasks included preparation of 90% plans, permitting documentation, drainage analysis/drainage report updates, and StormCAD modeling.

Stone Creek Communities by Del Webb, Marion County, FL — Analyst on the Kimley-Horn team providing civil engineering services for the 4,000-unit Stone Creek retirement community. Specifically involved with drainage, permitting, utility transfers, and construction phase services for several subprojects within this development. Performs WaterCAD and StormCAD modeling and site visits. Other responsibilities include preparation of shop drawings, drainage report (for submittal to SWFWMD), and responding to agency comments.

Butler Plaza North Development of Regional Impact (DRI) Application for Development Approval (ADA), Gainesville, FL — Serving as project analyst on this proposed mixed-use commercial, office, and hotel project encompassing more than 200 acres in the City of Gainesville. Assisting with preliminary drainage design and mitigation tasks. KHA services also include planning, traffic engineering, housing, air quality, and civil engineering.

Family Dollar Store, US 27/45th Street, Ocala, FL — Analyst on the Kimley-Horn team that provided construction phase services and plan revisions for this project. Responsibilities included site visits and permitting assistance.

Special Qualifications

- One year of experience as an engineering analyst
- Computer software experience includes AutoCAD, ArcGIS, StormCAD, and PONDS

Professional Credentials

Bachelor of Science, Civil Engineering, University of Florida

Engineering Intern in Florida

Professional Organizations

Florida Engineering Society

Emerging Leaders of Ocala



Resurfacing

DESIGN AND PERMITTING
FROM CR 48 TO SR 50

Relevant Project Experience

Kimley-Horn has a long history of being a successful consultant to County Governments throughout Florida. In fact, one of the largest areas of our practice is within the municipal engineering arena. Our extensive experience gives us the overall technical understanding of how to work with County staff and elected officials to effectively achieve our clients' objectives. For many of these communities, we are the town engineer rolling up our sleeves and working with growing municipalities as they face new challenges. We understand that at times we need to be in close collaboration with your staff and know how to work with the community on your behalf. Below is a sampling of projects similar in type and size to the County's project anticipated for this roadway improvement contract.

C-466A Widening Project, Sumter County, FL

KHA was retained to serve the Sumter County Public Works Department for the widening of a 1.1 mile segment of C-466A through the Community Redevelopment Area of the City of Wildwood. The project involved a significant public outreach program, including neighborhood meetings and workshops with the Sumter County BOCC and the Wildwood City Commission. KHA evaluated the original PD&E for the project and concluded that a three-lane section in the residential area would accommodate the expected traffic while maintaining the character of the corridor, and also significantly reducing right-of-way acquisition costs. The project scope included public outreach, design and permitting of all improvements, right-of-way acquisition coordination services, and construction bid administration. KHA oversaw the survey, geotechnical, landscape, right-of-way coordination subconsultants, and organized the project schedule.

C-466 Widening, Sumter and Lake Counties, FL

Development of an access management plan, preparation of roadway construction plans for the entire corridor in four phases, drainage design and permitting, design of four traffic signals, utility coordination, coordination with The Villages' general consultant and several consultants working in the area, and coordination and approvals through the Sumter County and Lake County Engineering Departments.

Widening of C-466 from two to four lanes from the Sumter/Lake County line east to Lake Griffin Road, Kimley-Horn prepared construction plans for five miles of widening of C-466 from two lanes to a four-lane divided/five-lane urban section in Sumter County. The project begins at US 301 in Sumter County and terminates at the Lake County/Sumter County line. This project was contracted through The Villages, a Community Development District, and is partially reimbursed by Sumter County.





Resurfacing

DESIGN AND PERMITTING
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C-466W Pavement Rehabilitation Project

KHA provided planning and design of 5.1 miles of rehabilitation to C-466W between US 301 and I-75. The roadway was experiencing various types of structural failures due to heavy truck traffic serving construction activities in the area. KHA oversaw the geotechnical investigation of the existing pavement, provided the new pavement design for the design life specified by the County, and prepared construction plans and specifications. The project was funded by FDOT and KHA provided coordination between FDOT and the County to gain approval of the County Incentive Grant Program (CGIP) funding for construction.

2010 Sumter County Resurfacing Specifications

Working for Sumter County, KHA oversaw the development of bid documents and specifications for 18 local county road resurfacing contracts. Working in close collaboration with the County Engineering staff, all 18 of the projects were administered under one construction bid, streamlining construction management costs and bringing the project to completion on time and under budget.

Morse Boulevard Phases 1, 1A, and 2, Sumter County, FL

The project consisted of pavement rehabilitation and resurfacing of approximately three miles of Morse Boulevard in Sumter County. Also included were turn land improvements, redesign of striping for better golf cart lane travel, and construction of two new traffic signals and one signal modification.

Preliminary and final design and coordination with Sumter County Public Works and the BOCC, full roadway construction plans and specifications, full signalization plans, all permitting, bidding assistance, full-time field oversight services, and post-design services for the Morse Boulevard corridor.

US 301 Improvements (under FDOT District Five direction), Sumter and Marion Counties, FL

The study began at the existing interchange with Florida's Turnpike in Sumter County and ended at the existing intersection of US 301 and US 27/US 441 in Marion County, a distance of approximately 15.5 miles. Included the development and analysis of traffic projections to the design year of 2027 to determine laneage requirements and intersection geometry improvements. Preliminary indications revealed that the existing two-lane road needed to be expanded to four or six lanes divided, as well as additional turn lanes at several major intersections. These improvements were needed to satisfy future traffic needs and to correct existing safety problems. In addition to determining the project need and developing/analyzing roadway typical sections and conceptual plans, the PD&E study efforts included coordination with the local municipalities to amend their comprehensive plans to be compatible with the proposed improvements. The project also included an extensive public involvement plan, including workshops and a formal public hearing. A strategy to obtain funding for the implementation was also undertaken.



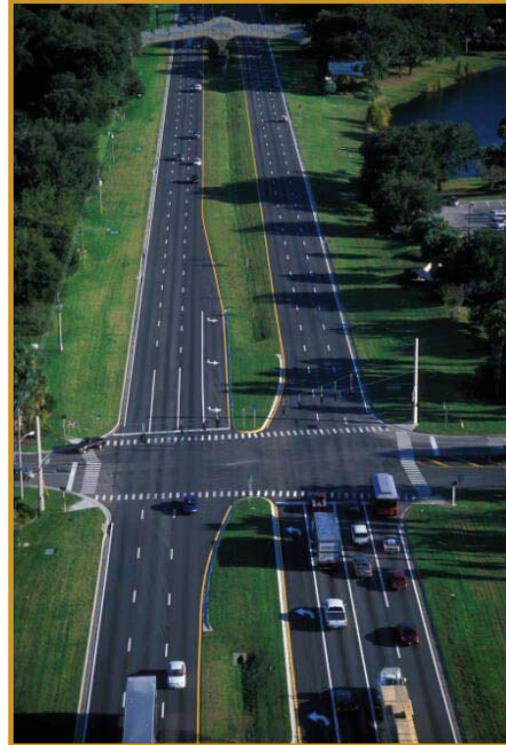


Resurfacing

DESIGN AND PERMITTING
FROM CR 48 TO SR 50

Civil Engineering, Traffic Engineering, and Transportation Planning Services, The Villages, FL

We are currently providing ongoing transportation planning, traffic engineering, and structural engineering services, as well as civil engineering services that include subdivision design, commercial site design, utilities, roadway design, and permitting. The development has gone through a number of Development of Regional Impact (DRI) submittal reviews, and we have completed the traffic analyses for the last five DRIs/substantial deviations. In addition to the DRI analyses, we have performed a variety of consulting services: development of a tri-county transportation systems model; origin-destination surveys; access management and signal warrant studies; signal design; golf cart bridge demand analysis; golf cart bridge design and inspection; monitoring and modeling studies; traffic analysis for a pre-development agreement for a charter school; preliminary turnpike interchange justification study; miscellaneous traffic analyses for development modifications; miscellaneous traffic counts; conceptual planning to resolve future capacity issues; coordination with FDOT planning and design projects; construction traffic study; roadway design including added lanes on US 27/SR 441, CR 466, and US 301; interchange designs on I-75 and the Turnpike; Project Development and Environment (PD&E) studies for US 301, I-75/CR 466 Interchange, and Turnpike/CR 468 Interchange.



Multimodal Path System – North of C-466, The Villages, FL

Demolition of approximately 11 miles of existing concrete multi-modal trails and replacement with new, wider asphalt trails in The Villages, north of C-466. Total construction contract is approximately \$5.9 million, and includes significant paving, utility coordination, landscaping and irrigation improvements.

Coordinating a public involvement program to arrive at the scope of work for replacement of over 11 miles of existing concrete multi-modal paths in The Villages north of C-466 with wider asphalt paths. Developed full construction, landscaping and irrigation plans for all segments and secured all permits. Prepared bidding documents and oversaw bidding process. Providing full-time construction administration for the duration of the project. Responsible for updates and coordination with the District Manager and elected Amenity Authority Committee (AAC). The path system is approximately 11 miles long and spans through five Community Development Districts, two counties and the Town of Lady Lake.

Civil Engineering Services, Wildwood, FL

Kimley-Horn serves under an on-call contract to the City of Wildwood to provide general civil engineering and City Engineer consulting services. These services include design of improvement plans for utility and roadway infrastructure, engineering inspection services, review of engineering plans and applications for development on behalf of the City, attendance at public hearings on behalf of the City, traffic planning services, public workshops, and GIS mapping services.



Resurfacing

DESIGN AND PERMITTING
FROM CR 48 TO SR 50

Martin Luther King, Jr. Avenue (NW 16th Avenue), Ocala, FL

Kimley-Horn was selected to prepare two phases of services for Martin Luther King, Jr. Avenue (MLK). Phase I included the preparation of final construction drawings for one mile widening of a two-lane uncurbed roadway to a four-lane divided urban roadway from NW 10th Street to NW 22nd Street. Phase II included the preparation of a schematic plan for widening and realigning a 1.5 mile section of the roadway from NW 22nd Street to US 441 in Ocala. There are several unique features about this project.



Phase I

At the NW corner of NW 10th Street is the Howard Middle School. Our plan calls for the reconfiguration of the site circulation to limit turning movements to and from MLK. The project includes the reconstruction of the railroad crossing just south of NW 22nd Street. Two pond sites are proposed for the project. One pond, located approximately midway through the project, is located in a depressional area with no outlet. The second pond is located north of the railroad at the north end of the project.

Phase II

Currently, MLK does not connect with US 441, ending at a two-lane county road in a residential area. Our proposed plan calls for realigning a portion of the roadway along another city-maintained roadway (NW 35th Street) to meet US 441. Included in this work is the closing of a five-point intersection with CR 25A and the realignment of CR 25A to meet MLK. With this work, approximately one mile of CR 25A will be closed to traffic.

SW 42nd Street Flyover, Ocala, FL

Kimley-Horn is serving the City of Ocala as the lead design consultant for the SW 42nd Street Flyover project; this is the fourth phase of an east-west roadway corridor improvement project through the south side of Ocala. Under this project, SW 42nd Street will be reconstructed as a four-lane urban collector roadway between SR 200 and SW 27th Avenue (1.60 miles) with a new flyover bridge over I-75, approximately 0.5 miles south of the SR 200 interchange. The purpose is to provide traffic relief for the highly congested SR 200 corridor in the southwest portion of the City. The Kimley-Horn team is providing a full range of roadway design services, including highway and bridge design, traffic analysis, signing and pavement marking, signalization, permitting, utility coordination, and public involvement.

In addition to multidisciplinary design, other major challenges will include coordination with FDOT regarding the new two-span flyover bridge proposed over I-75, as well as the design of a safe and effective maintenance of traffic plan for I-75 during construction of the flyover. Kimley-Horn is also working with the City to coordinate with the major land owner (Red Oak Farms) along the proposed alignment in order to minimize right-of-way acquisition.