THIS FORM ISSUED TO:

D.A.B Constructors, Inc.

VOID IF USED BY ANY OTHER CONTRACTOR

ECONOMIC STIMULUS RESURFACING PROGRAM

BID NO. 10-0006

Sealed bids will be received by the Office of Procurement Services, on behalf of the Lake County Board of County Commissioners, until 10:00 AM on November 6, 2009.

BIDDING DOCUMENT

LAKE COUNTY
FLORIDA

INSTRUCTIONS TO BIDDERS, GENERAL CONDITIONS,
SPECIAL PROVISIONS AND TECHNICAL SPECIFICATIONS,
BID FORM, CONTRACT FORM, CONTRACT BOND FORM

FOR

Lake Griffin Road
PROJECT NO. 2010-02
BID NO. 10-0006
FPN # 426259-1-58-01

NOTE: Attach Your Bid Bond to This Document. All Extensions Must Be Carried Out. Any Changes Made in Unit Bid Prices Must Be Initialed by Bidder.

MANDATORY PRE-BID CONFERENCE NOTICE

BID NO. 10-0006
FPN # 426259-1-58-01

ECONOMIC STIMULUS RESURFACING PROGRAM for Lake Griffin Road PROJECT NO. 2010-02

In Lake County, Florida

A mandatory pre-bid conference will be held on October 23, 2009 at 9:00 AM at the Lake County Public Works Department located at 437 Ardice Avenue, Eustis, FL 32726, to discuss the special conditions and specifications included within this solicitation. Potential vendors must attend this conference. Vendors are requested to bring this solicitation document to the conference, as additional copies may not be available. The County will point out specific job conditions which are difficult to describe or show on the Drawings. Questions that require additional clarification will be covered by an addendum which will be issued following the mandatory pre-bid conference.

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DIVISION A

INSTRUCTIONS TO BIDDERS

ECONOMIC STIMULUS RESURFACING PROGRAM

Lake County is seeking a qualified company to complete resurfacing, milling, shoulder restoration, guardrail upgrades, and related work on roads within the County. The purpose of this solicitation is to establish lump sum not to exceed cost to finish all work as outlined within this invitation to bid as part of the Federal Stimulus package. The bidder shall also, as part of this bid, supply the per unit prices for each of the items listed for the purposes of evaluation and award of subsequent work if further Federal Stimulus monies become available.

SPECIAL BIDDING NOTICE

The estimated quantities cited in the pricing tables are only estimates and bidder is advised to evaluate each location with a site visit. This bid shall be awarded on a lump sum not to exceed cost. The bid shall be all inclusive for all items needed such as, but not limited to, milling, paving, striping, manhole/water valve adjustments, etc within the limits of the projects. The projects are shown for informational purposes only on the attached maps. The project limits have been marked on each road with pink paint. Limits of the milling areas shall be marked in white paint. The estimated quantities will be used for evaluation purposes. Bidders are advised that the County will evaluate each bidder's entire pricing structure, and that the County reserves the right to reject in total any bid that exhibits clear evidence of an unbalanced and/or unrealistic bidding structure.

If there is a discrepancy between the specifications within and any other specifications that are referenced, i.e., Federal Aid Construction Contracts, Florida Department of Transportation (FDOT) Standard Specifications , or the FDOT Implemented Specifications, Local Agency Specifications, Special Provisions, Asphalt Section 334, Specification Number SP 3340000, the more stringent specification shall take precedence. When a determination cannot be made or is disputed then the final resolution shall be approved by the Engineer and shall be binding.

1. DEFINITIONS

Whenever the following terms, or pronouns used in place of them, are used in these Contract Documents, they shall have the meanings given below:

Addendum – A modification, revision or clarification of the Plans or other Contract Documents, issued by the Engineer and distributed to prospective bidders before the opening of bids.

Board of County Commissioners – Governing body of Lake County, hereinafter referred to as the Board.

Calendar Day – Every day shown on the calendar, ending and beginning at Midnight.

Change Order – A written order issued by the Engineer in accordance with Board policy, and accepted by the Contractor directing certain changes, additions or reductions in the work or in the materials used.

Consultant – The Professional Engineer or Engineering Firm registered in the State of Florida who performs Professional Engineering Services for the County, other than County personnel. The Consultant may be the Engineer of Record or may provide services through and be subcontracted to the Engineer of Record.

Contingency – A pay item included for usage as directed by the Engineer and for usage under conditions or circumstances unforeseen at the time of contract.

Contractor – The General Contractor, the Individual, Partnership or Corporation bidding or agreeing to do the work for the Owner as Prime Contractor.

Contract Documents – All documents referred to in Division X in addition to all duly executed and issued addenda, legal advertisements and change orders.

County/Owner – Lake, County, Florida, a political subdivision of the State of Florida.

Engineer – The County Director of Public Works or his duly authorized representative, acting on behalf of the County.

Engineer of Record – The Professional Engineer or Engineering Firm contracted with by the County and registered in the State of Florida who develops criteria and concept for the project, performs the analysis and is responsible for the preparation of the Contract Plans and Specifications. The Engineer of Record may be County in-house staff or a Consultant retained by the County.

FDOT – The Florida Department of Transportation.

ID – Inside diameter, or dimension.

Inspector – An authorized representative of the Engineer, assigned to make any or all necessary inspections of the work performed and materials furnished by the Contractor.

LCPWD – The Lake County Public Works Department.

Owner/County – Lake County, a political subdivision of the State of Florida, herein after referred to as the County.

Plans – The approved drawings or reproductions thereof, that show the location, character, dimension and details of the work to be done as issued by the Engineer.

Regular Work Day – Any calendar day except a Saturday, Sunday or recognized Holiday.

Scope of Work – The general intent of the work to be accomplished as defined by the project plans and specifications.

Schedule of Values – The individual values as set forth by the Contractor as payment for the bid quantity units identified on the bid sheets. The total of the extended units in the schedule of values determines the contract limit. This contract limit amount may only be modified by change order approved in accordance with Board policy.

Special Provisions – Specific clauses adding to or revising the Standard Specifications, setting forth conditions varying from or additional to the Standard Specifications, for a specific project.

Specifications -- The directions, provisions and requirements contained herein, together with all stipulations contained in the plans or in the Contract Documents, setting out or relating to the method and manner of performing the work, or to the quantities and qualities of materials and labor to be furnished under the contract.

Standard Specifications – This bid shall use the FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," 2007, (or latest edition), or FDOT "ROADWAY AND TRAFFIC DESIGN STANDARDS," 2007 (or latest edition), or FDOT "MANUAL OF UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS," 2007 (or latest edition), FDOT Implemented Specifications, Local Agency Specifications, Special Provisions, Asphalt Section 334, Specification Number SP 3340000, and all supplemental specifications thereto except for the provision as listed in the Special Standard Specifications as listed under the definition title Stimulus Resurfacing Standard Specifications exceptions.

Stimulus Resurfacing Standard Specifications exceptions. Specifications as outlined in the Local Agency Program (LAP) Specifications Guidelines of the FDOT Implemented Specifications.

Technical Special Provisions – Specifications prepared, signed and sealed by an Engineer registered in the State of Florida other than the State Specifications Engineer, or his designee, which are made part of the Contract as an attachment to the Specifications Package.

Work – All labor, materials and incidentals required for the construction of the improvement for which the contract is made, including superintendence, use of equipment and tools, and all services and responsibilities prescribed or implied, which are necessary

for the complete performance by the Contractor of his obligations under the contact. Unless otherwise specified herein or in the Contract, all costs of liability and of performing the work shall be at the Contractor's expense.

2. BIDS

A. Sealed bids will be received by the Office of Procurement Services, on behalf of the Lake County Board of County Commissioners, until 10:00 a.m. on November 6, 2009 for the furnishing of all services, labor, materials and equipment for Road Resurfacing. Provide one (1) original bid and one (1) complete copy.

B. The tasks assigned shall consist of leveling and resurfacing asphaltic concrete roadways throughout Lake County and shall include cleaning and tacking existing roadways, then furnishing, laying, and compacting asphaltic concrete mix to Lake County specifications. Reflective pavement markings, shoulder restoration, guardrail, sidewalk, and road base repair may be required on some of the roads.

C. Bids shall be enclosed in a sealed envelope clearly marked "SEALED BID FOR PROCUREMENT SERVICES Economic Stimulus Resurfacing Program for Lake Griffin Road, Bid No. 10-0006, Project No. 2010-02, FPN No. 426259-1-58-01 and mailed or hand carried to the address as specified below. The bidder shall place on the outside of the proposal envelope the name of the firm submitting the proposal.

ALL incoming mail and packages will be opened for security and contamination inspection by the Lake County Clerk of the Circuit Court Mail Receiving Center in an off-site secure controlled facility **PRIOR** to delivery to any Lake County Government facility, which includes the Lake County Procurement Services Office.

If submitting bid by the **UNITED STATES POSTAL SERVICE**, please send it to: LAKE COUNTY PROCUREMENT SERVICES, P.O. BOX 7800, TAVARES, FL 32778-7800.

If submitting bid by a **THIRD PARTY CARRIER such as Fed-X, UPS, or a private courier**, please send it to: LAKE COUNTY PROCUREMENT SERVICES, MAIL RECEIVING CENTER, 416 W. MAIN STREET, TAVARES, FL 32778.

If submitting bid **IN PERSON**, please bring it to: LAKE COUNTY PROCUREMENT SERVICES, 315 W. MAIN STREET, 4TH FLOOR, ROOM 416, TAVARES, FLORIDA.

D. All bids shall be received not later than the date and time specified above, at which time they will be publicly opened and read aloud in the Office of Procurement Services, Fourth Floor, Administration Building, Room 416, 315 West Main Street, Tavares, Florida. A bid will not be considered for award if received in the Procurement Services Office after the official opening date and time regardless of when or how it was received by the Lake County Clerk of the Circuit Court Mail Receiving Center. Allow sufficient time for transportation and inspection.

E. Bids may be withdrawn prior to the date of opening, but no bids may be withdrawn for a period of sixty (60) days after the date of opening of bids.

F. The Board of County Commissioners reserves the right to reject any or all bids, to waive formalities, and to award the contract in the best interest of Lake County, Florida.

G. Bids which are incomplete, unbalanced, conditional, obscure, or which contain additions not allowed for, alterations or irregularities of any kind, or which do not comply with the Contract Documents may be rejected at the option of the County.

H. Each Bid by an individual or firm shall state the name and address of each person who owns an interest therein, and, if a corporation, the name and addresses of its officers. Bids shall be signed by the person or member of the firm making the same, and if a corporation, by an authorized officer or agent subscribing the name of the corporation, together with his own name and the corporate seal.

3. BID GUARANTEE

A. All bids must be accompanied by a Bid Bond acceptable to the County Attorney, which shall be one of the following; bid bond or a letter of credit, in the sum of five percent (5%) of the base bid and made payable to Lake County. Said bid bond or letter of credit shall be a guarantee that should the bid be accepted, the bidder will, within ten (10) days after written notice of the award of the contract, enter into a contract with Lake County for the services proposed to be performed and will at that time furnish an acceptable contract surety. Cash, company, certified or personal checks will not be accepted.

B. Said instruments and the monies payable thereon, will, at the option of the County, be forfeited if the bidder fails to execute the written contract and furnish the required surety bond within ten (10) consecutive calendar days following written notice of the award of the contract.

C. Attorneys-in-fact who sign bonds must file with such bond one (1) certified copy of their power of attorney to sign said bond.

D. Letters of credit must be presentable to a bank within the State of Florida.

E. All instruments shall have been issued within thirty (30) days of the date for receiving bids.

4. PRE-QUALIFICATION OF CONTRACTOR

This is not a pre-qualification project.

5. CONTRACT SECURITY

A. The Contractor shall provide a Performance Bond and a Payment Bond, in the form prescribed in Division Y, each in the amount of 100% of the Contract amount, the costs of which are to be paid by the Contractor. The Bonds will be acceptable to the County only if the following conditions are met:

1. For contracts that do not exceed $500,000.00, the Surety Company:

a. is licensed to do business in the State of Florida;

b. holds a certificate of authority authorizing it to write surety bonds in this state;

c. has twice the minimum surplus and capital required by the Florida Insurance Code at the time the invitation to bid is issued;

d. is otherwise in compliance with the provisions of the Florida Insurance Code; and

e. holds a currently valid certificate of authority issued by the United States Department of Treasury under 31 U.S.C. ss 9304-9308.

2. For contracts over $500,000.00, all of the requirements of paragraph A.1 above apply. In addition, the Surety Company must have a current rating of at least Excellent (A or A-) all as reported in the most current Best Key Rating Guide, published by A.M. Best Company, Inc., of 75 Fulton Street, New York, New York 10038, with an underwriting limitation of at least two times the dollar amount of the contract.

B. If the Surety for any Bond furnished by the Contractor is declared bankrupt, becomes insolvent, its right to do business is terminated in the State of Florida, or it ceases to meet the requirements imposed by the Contract Documents, the Contractor shall, within five (5) calendar days thereafter, substitute another Bond and Surety, both of which shall be subject to the County's approval.

C. By execution of these bonds, the Surety acknowledges that it has read the Surety qualifications and Surety obligations imposed by the construction documents and hereby satisfies those conditions.

6. INTERPRETATIONS PRIOR TO BID OPENING

No oral interpretations will be made to any bidder as to the meaning of the Specifications, or any other Contract Documents. Every request for such an interpretation must be in writing, and shall be received by the Office of Procurement Services not less than ten (10) calendar days prior to the date set for opening of bids. Every interpretation made to a bidder will be made by an addendum to the Contract Documents, which, when issued, will be sent as promptly as is practicable to all persons to whom the Specifications have been issued by the County. All such addenda shall become part of the Contract Documents. No substitution of any kind or riders of any nature to the bids will be considered except by the above-described method. For purposes of this Contract the term "Interpretations" shall include the approval of product substitution.

7. LICENSES, PERMITS, FEES AND TAXES

A. Acquisition of Permits and Licenses

1. The County has obtained all known Federal and State environmental permits required for the construction of the project.

2. The Contractor shall secure and maintain all other permits required for the construction of the Project, including building permits, National Pollution Discharge Elimination System (NPDES) Construction Permits, and permits required for tree removal or relocation.

3. The Contractor shall secure and maintain all contractor licenses required for the prosecution of the work.

B. Payment of Fees and Taxes

1. All fees associated with those permits and licenses that the Contractor is required to obtain shall be paid by the Contractor.

2. All sales, consumer, use and other similar taxes associated with the work, or portions thereof, and which are applicable during the performance of the work, shall be paid by the Contractor.

3. All fees required in connection with the Contractor's recording of bonds or other documents in the public records shall be paid by the Contractor.

4. All County permit fees shall be waived or paid by the County.

C. Reimbursements to the Contractor

1. The County will reimburse the Contractor for those fees paid for applicable permits. Reimbursement will be for the actual amount paid, as evidenced by official receipts from the offices collecting the fees. Reimbursement will not include, nor will any separate payment be made for, Contractor mark-up, "interest" or other charges claimed by the Contractor in connection with the payment of permit fees.

2. No reimbursement will be made for Contractor license fees.

3. No reimbursement will be made for fees or other charges (such as the cost of documentary stamps) required in connection with the recording of bonds or other documents in the public records.

D. Compliance with Permit and Licenses Requirements

The Contractor shall comply with all permit conditions and license requirements, applicable building and construction code requirements, and such other rules and regulations as may apply to the prosecution of the work.

8. COMPLIANCE WITH LAWS

The Contractor agrees to comply, at its own expense, with all Federal, State and Local laws, codes, statutes, ordinances, rules, regulations and requirements applicable to the project, including but not limited to those dealing with taxation, Workers' Compensation, equal employment, safety (including, but not limited to, the Trench Safety Act, Chapter 553.60, Florida Statutes), labor, work hours, labor conditions, environment, and related

matters. If the Contractor observes that the Contract Documents are at variance therewith, it shall promptly notify the Engineer in writing.

9. INSURANCE

The contractor shall purchase and maintain, at its expense, from a company or companies authorized to do business in the State of Florida, and which are acceptable to the County, insurance policies containing the following selected types of coverage and minimum limits of liability protecting from claims which may arise out of or result from the performance or non-performance of services under this Contract by the contractor or by anyone directly or indirectly employed by it, or by anyone for whose acts it may be liable:

Contractor shall not commence work under the Contract until County has received an acceptable certificate or certificates of insurance evidencing the required insurance, which is as follows:

General Liability insurance on forms no more restrictive than the latest edition of the Occurrence Form Commercial General Liability policy (CG 00 01) of the Insurance Services Office or equivalent without restrictive endorsements, with the following minimum limits and coverage:

Each Occurrence/General Aggregate	$1,000,000/2,000,000
Products-Completed Operations	$2,000,000
Personal & Adv. Injury	$1,000,000
Fire Damage	$50,000
Medical Expense	$5,000
Contractual Liability	Included

Automobile liability insurance, including owned, non-owned, and hired autos with the following minimum limits and coverage:

Combined Single Limit	$1,000,000

Workers' compensation insurance based on proper reporting of classification codes and payroll amounts in accordance with Chapter 440, Florida Statutes, and/or any other applicable law requiring workers' compensation (Federal, maritime, etc). If not required by law to maintain workers compensation insurance, the Contractor must provide a notarized statement that if he or she is injured, he or she will not hold the County responsible for any payment or compensation.

Employers Liability with the following minimum limits and coverage:

Each Accident	$1,000,000
Disease-Each Employer	$1,000,000
Disease-Policy Limit	$1,000,000

Railroad Protective Liability with bodily injury protection of Two Million dollars ($2,000,000) and property damage of Two Million dollars ($2,000,000) for any project or portion of the project which is located on Railroad property. The Railroad shall be endorsed to this policy as an additional insured.

Lake County, a Political Subdivision of the State of Florida, and the Board of County Commissioners, shall be named as additional insured as their interest may appear on all applicable policies.

Certificate(s) of insurance shall provide for a minimum of sixty (60) days prior written notice to the County of any change, cancellation, or nonrenewal of the required insurance.

Certificate(s) of insurance shall identify the contract number in the Description of Operations section of the Certificate.

Certificate of insurance shall evidence a waiver of subrogation in favor of the County, that coverage shall be primary and noncontributory, and that each evidenced policy includes a Cross Liability or Severability of Interests provision, with no requirement of premium payment by the County.

Certificate holder shall be:

LAKE COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA,
AND THE BOARD OF COUNTY COMMISSIONERS.
P.O. BOX 7800
TAVARES, FL 32778-7800

All self-insured retentions shall appear on the certificate(s) and shall be subject to approval by the County. At the option of the County, the insurer shall reduce or eliminate such self-insured retentions; or the Contractor shall be required to procure a bond guaranteeing payment of losses and related claims expenses.

The County shall be exempt from, and in no way liable for, any sums of money, which may represent a deductible or self-insured retention in any insurance policy. The payment of such deductible or self-insured retention shall be the sole responsibility of the Contractor and/or subcontractor providing such insurance.

The Contractor shall be responsible for subcontractors and their insurance. Subcontractors are to provide Certificates of Insurance to the County evidencing coverage and terms in accordance with the Contractor's requirements.

Failure to obtain and maintain such insurance as set out above will be considered a breach of contract and may result in termination of the contract for default.

Neither approval by the County of any insurance supplied by the Contractor, nor a failure to disapprove that insurance, shall relieve the Contractor of full responsibility of liability, damages, and accidents as set forth herein.

The Contractor shall submit to Lake County Public Works a copy of all accident reports arising out of any injuries to its employees or those of its subcontractors, or any personal injuries or property damage arising or alleged to have arisen on account of any work under the Contract.

10. QUANTITIES

A. Quantities, if shown on the Bid, are estimated for bidding purposes only and shall be verified by the Contractor.

B. Payment for work performed under this contract shall be based on a lump sum bid. Bidder shall determine quantities.

C. Regardless of uncertainties of material supply and production at the time of bidding, Contractors shall base their bids in strict accordance with items, materials and methods as set forth in the Contract Documents.

D. Pay items may be added, or deleted, to the list of pay items by the Engineer or Contractor, that are required to complete the scope of the work as defined by the project plans and specifications.

11. QUANTITIES REFLECTED IN PERMITTING DOCUMENTS

Any construction items or quantities reflected in the permitting documents, if any, required for this project are provided only for the purpose of enabling permitting authorities to assess the probable impact of the project, and are in no way intended to reflect or represent actual construction items or quantities for pay purposes.

12. ARITHMETIC DISCREPANCIES IN BIDS

A. For the purpose of evaluation of bids, the following criteria will be utilized in resolving discrepancies in arithmetic found on the face of the bidding schedule of values as submitted by the bidders:

1. In case of discrepancy between unit values and extended values the unit value shall take precedence.

2. Errors in extension of unit values will be corrected by the County.

3. Errors in addition of lump sum and extended values to determine the total bid amount will be corrected by the County.

B. For the purposes of bid evaluation, the County will proceed on the assumption that the bidder intends his bid to be evaluated on the basis of a lump sum bid with the numerical unit values, extensions and totals arrived at by resolution of arithmetic discrepancies as provided above.

13. AWARD OF CONTRACT

The Contract will be awarded for the entire work on the Base Bid plus any accepted options to the lowest responsive and responsible bidder, provided that the bid is reasonable, and that it is in the best interest of the County to accept. Lake County reserves the right to award any and all options as part of this contract. County will provide written notice of award to the Contractor.

The County may elect to conduct a pre-award inspection of the Contractor's facility. Only Contractors which are regularly engaged in the business of performing the services described in the solicitation and which can produce evidence of a satisfactory record of performance for a reasonable period of time will be considered for award. Contractors must demonstrate that they have sufficient financial support and organization to ensure that they can satisfactorily execute the contract if awarded under the terms and conditions herein stated. In the event that the Contractor intends to sub-contract any part of its work to another Contractor or will obtain the goods specifically offered under this contract from another source of supply, the Contractor may be required to verify the competency of its sub-contractor and/or supplier. The County reserves the right before awarding the contract to require a Contractor to submit such evidence of its qualifications and the qualifications of its sub-contractor as it may deem necessary. The County may consider any evidence available to it of the financial, technical, and other qualifications and abilities of any Contractor responding hereunder, including past performance with the County, in determining Contractor responsibility for the purposes of selecting a Contractor for contract award.

14. NOTICE TO PROCEED TO CONTRACTOR

After all contract documents are signed and approved, a Notice to Proceed will be issued which shall include the commencement date. The Contractor shall be required to set up a pre-construction conference before any work shall begin.

15. INDEMNIFICATION

The Contractor will agree to indemnify the County as described in Division X of the Contract documents.

16. CONTRACT DOCUMENTS

The Contractor will be furnished with one (1) original of the Contract Documents for the project. Additional copies may be purchased from the LCPWD at the price per set listed in Division A. Copies of the "Standard Specifications" may be purchased from the FDOT. The Contractor shall have available on the job, at all times, one (1) copy of the Contract Documents

DIVISION B

GENERAL CONDITIONS

1. INTENT OF CONTRACT DOCUMENTS

A. It is the intent of the Contract Documents to describe a functionally complete project (or portion thereof) to be constructed in accordance with the Contract Documents which combine to define the Scope of Work. Any work, materials or equipment that may reasonably be inferred from the Contract Documents as being required to produce the intended result shall be supplied whether or not specifically called for. When words that have a well-known technical or trade meaning are used to describe work, materials or equipment, such words shall be interpreted in accordance with that meaning. Reference to standard specifications, manuals or codes of any technical society, organization or association or to the laws or regulations of any governmental authority having jurisdiction over the Project, whether such reference be specific or by implication, shall mean the latest standard specification, manual, code, law or regulation in effect at the time the work is performed, except as may be otherwise specifically stated herein.

B. The Contract Documents and all referenced standards cited therein are essential parts of the Contract requirements. A requirement occurring in one is as binding as though occurring in all. They are intended to be complimentary and to describe and provide for a complete project.

B. Drawings are intended to show general arrangements, design and extent of work. Specifications are separated into divisions for convenience of reference only and shall not be interpreted as establishing divisions for the work, trades, subcontracts, or extent of any part of the work. In the event of a discrepancy between or among the drawings, specifications or other Contract Document provisions, the Contractor shall be required to comply with the provision, which is the more restrictive or stringent requirement upon the Contractor, as determined by the Engineer. Unless otherwise specifically mentioned, all anchors, bolts, screws, fittings, fillers, hardware, accessories, trim and other parts required in connection with any portion of the work to make a complete, serviceable, finished and first quality installation shall be furnished and installed as part of the work, whether or not called for by the Contract Documents.

2. STORAGE OF MATERIALS

Materials shall be so placed so as to permit easy access for proper inspection and identification of each shipment. Any material which has deteriorated, become damaged, or is otherwise unfit for use, as determined by the Engineer, shall not be used in the work, and shall be removed from the site by the Contractor at his expense.

3. SANITATION

The Contractor shall provide and maintain adequate sanitary conveniences for the use of persons employed on the work. These conveniences shall be maintained at all times without nuisance, and their use shall be strictly enforced. The location of these conveniences shall be subject to the Engineer's approval.

4. ERRORS AND OMISSIONS

The Contractor shall not take advantage of any apparent error or omission in the Contract Documents. If any errors and/or omissions appear in the Contract Documents, or construction stakeout, the Contractor shall immediately notify the Engineer, in writing, of such errors and/or omissions. In the event the Contractor knows or should have known of any errors and/or omissions and fails to provide such notification, he shall be deemed to have waived any claim for increased time or compensation he may have had and he shall be held responsible for the results and the costs of rectifying any such errors and/or omissions.

5. CONTRACTOR'S OBLIGATIONS.

A. Qualification

1. The Contractor shall assure that all personnel are competent, careful and reliable. All personnel must have sufficient skill and experience to properly perform the work assigned them. All personnel shall have had sufficient experience to perform their assigned task properly and satisfactorily and to operate any equipment involved, and shall make due and proper effort to execute the work in the manner prescribed in the Contract Documents, or the Engineer may take action as prescribed below.

2. Whenever the Engineer shall determine that any person is incompetent, unfaithful, intemperate, disorderly or insubordinate, the Engineer shall notify the Contractor that such person is to be discharged from the work. The Contractor shall immediately discharge said person from the work and shall not again employ said person on this work except with the written consent of the Engineer. Should the Contractor fail to remove such person or persons the Engineer may withhold all payments.

B. Identification

1. Within ten (10) days after the award of any subcontract, either by himself or a subcontractor, the Contractor shall deliver to the Engineer a statement setting forth the name and address of the subcontractor and a summary description of the work subcontracted.

2. The Contractor shall be as fully responsible to the Owner for acts and omissions of his subcontractor and of persons either directly or indirectly employed by them, as he is for the acts and omissions of persons directly employed by him.

C. Contractor's Supervision

1. Prosecution of Work:

The Contractor shall give the work the constant attention necessary to assure the scheduled progress and he shall cooperate fully with the Engineer and with other Contractors at work in the vicinity.

2. Contractor's Superintendent:

a. The Contractor shall at all times have on the work as his agent, a competent superintendent capable of thoroughly interpreting the plans and specifications and thoroughly experienced in the type of work being performed, who shall receive the instructions from the Engineer or his authorized representatives. The superintendent shall have full authority to execute the orders or directions of the Engineer and to supply promptly any materials, tools, equipment, labor and incidentals, which may be required. Such superintendence shall be furnished regardless of the amount of work sublet.

3. Supervision for Emergencies:

The Contractor shall have a responsible person available at or reasonably near the work site on a twenty-four (24) hour basis, seven (7) days a week, in order that he may be contacted in emergencies and in cases where immediate action must be taken to maintain traffic or to handle any other problem that might arise. The Contractor shall submit to the Engineer, by certified mail, phone numbers and names of personnel designated to be contacted in cases of emergencies along with a description of the project location to the Florida Highway Patrol and all other local law enforcement agencies.

4. Worksite Traffic Supervisor:

a. The Contractor shall have a Worksite Traffic Supervisor who will be responsible for initiating, installing and maintaining all traffic control devices as described in Section 102 of the FDOT Standard Specifications for Road and Bridge Construction, and in the plans. The Worksite Traffic Supervisor shall have at least one year of experience directly related to worksite traffic control in a supervisory or responsible capacity and shall be certified by the American Traffic Safety Services Association Worksite Traffic Supervisor Certification Program or an equal approved by the FDOT. Approved alternate Worksite Traffic Supervisors may be used when necessary.

b. The Worksite Traffic Supervisor shall be available on a twenty-four (24) hour per day basis and shall review the project on a day to day basis as well as being involved in all changes to traffic control. The Worksite Traffic Supervisor shall have access to all equipment and materials needed to maintain traffic control and handle traffic related situations. The Worksite Traffic Supervisor shall ensure that routine deficiencies are corrected within a 24-hour period.

c. The Worksite Traffic Supervisor shall be available on the site within forty-five (45) minutes after notification of an emergency situation, prepared to positively respond to repair the work zone traffic control or to provide alternate traffic arrangements.

d. Failure of the Worksite Traffic Supervisor to comply with the provisions of the Section 102 of the FDOT Standard Specifications for Road and Bridge Construction may be grounds for decertification or removal from the project or both. Failure to maintain a designated Worksite Traffic Supervisor or failure to comply with these provisions will result in temporary suspension of all activities except traffic and erosion control and such other activities deemed to be necessary for project maintenance.

D. General Inspection Requirements

1. Cooperation by the Contractor:

No work shall be done nor materials used, without suitable supervision or inspection by the Engineer or his representative, and the Contractor shall furnish the Engineer with every reasonable facility for ascertaining whether the work performed and materials used are in accordance with the requirements and intent of the plans and specifications. If the Engineer so requests, the Contractor shall, at any time before final acceptance of the work, remove or uncover such portions of the finished work as may be directed. After examination, the Contractor shall restore the uncovered portions of the work to the standard required by the specifications. Should the work so exposed or examined prove unacceptable, the uncover or removal, and the replacing of the covering or making good of the parts removed, shall be at the Contractor's expense. However, should the work thus exposed or examined prove acceptable, the uncovering or removing, and the replacing of the covering or making good of the parts removed, shall be paid for as Unforeseeable Work.

2. Failure to Remove and Renew Defective Materials and Work:

a. Should the Contractor fail or refuse to remove and renew any defective materials used or work performed, or to make any necessary corrections in an acceptable manner and in accordance with the requirements of the specifications, within the time indicated in writing, the Engineer shall have the authority to cause the unacceptable or defective materials or work to be repaired, removed and renewed, as may be necessary; all at the Contractor's expense.

b. Any expense incurred by the County in making these repairs, removals, or renewals, which the Contractor has failed or refused to make, shall be paid for out of any moneys due or which may become due the Contractor, or may be charged against the contract bond. Continued failure or refusal on the part of the Contractor to make any or all necessary repairs promptly, fully and in an acceptable manner shall be sufficient cause for the County, at its option, to perform the work with its own organization, or to contract with any other individual, firm or corporation to perform the work. All costs and expenses incurred thereby shall be charged against the defaulting Contractor and the amount thereof deducted from any moneys due or which may become due him, or shall be charged against the contract bond. Any work performed subsequent to forfeiture of the contract, as described in this Paragraph, shall not relieve the Contractor in any way of his responsibility for the work performed by him.

3. Inspection by the Federal Government or State of Florida:

When the United States Government, or State of Florida, is to pay a portion of the cost of construction, the construction work will be subject to such inspection by its representatives as they may deem necessary, but such inspection will in no case make the Federal Government, or State of Florida, a party to this contract.

6. AUTHORITY OF THE ENGINEER AND ENGINEER'S ASSISTANTS

A. All work shall be done in accordance with the Contract Documents.

B. It is agreed by the parties hereto that the Engineer shall decide all questions, difficulties and disputes, of whatever nature, which may arise relative to the interpretation of the plans, construction, prosecution and fulfillment of the contract, and as to the character, quality, amount and value of any work done, and materials furnished, under or by reason of the contract.

C. The County retains the right to inspect all work to verify compliance with the Contract Documents. The Engineer may appoint such assistants and representatives as desired. They shall be authorized to inspect all work done and all materials furnished. This right of inspection in no way means or implies County control or other supervision over the work done or the work site. This right is solely for the County's benefit and imposes no duties or responsibilities on the County and confers no rights on any other parties. Such inspection may extend to all or any part of the work and to the manufacture, preparation or fabrication of the materials to be used. Such assistants shall not be authorized to revoke, alter or waive any requirement of the Contract Documents.

D. The assistants and representatives shall be authorized to call to the attention of the Contractor any failure of the work or materials to conform to the Contract Documents, and shall have the authority to reject materials or suspend the work until any questions at issue can be referred to and decided by the Engineer. The Contractor shall be immediately notified in writing of any such suspension of the work and such notice shall state in detail the reasons for the suspension. The presence of the Inspector or other assistant shall in no way lessen the responsibility of the Contractor.

E. Failure of the Engineer to Reject Work During Construction:

If, during or prior to construction operations, the Engineer should fail to reject defective work or materials, whether from lack of discovery of such defect or for any other reason, such initial failure to reject shall in no way prevent his later rejection when such defect is discovered, or obligate the County to final acceptance, and the Contractor shall make no claim for losses suffered due to any necessary removals or repairs of such defects.

7. CONTRACT TIME AND TIME EXTENSIONS

A. Unless otherwise provided, contract time shall mean the number of consecutive calendar days from the commencement date noted in the Notice to Proceed to the date on which all work is to be completed. The Contractor shall diligently pursue the completion of the work and coordinate the work being done on the project by its subcontractors and material suppliers, as well as coordinate his work with the work of other contractors so that his work or the work of others shall not be delayed or impaired by any act or omission of any act by a Contractor. The Contractor shall be solely responsible for all construction means, methods, techniques, sequences and procedures, as well as coordination of all portions of the work under the Contract Documents.

B. Should the Contractor be obstructed or delayed in the prosecution of or completion of the work as a result of unforeseeable causes beyond the control of the Contractor, and not due to his fault or neglect, including but not restricted to acts of God or the public enemy, acts of government, fires, floods, discovery of pre-existing hazardous materials, utility conflicts, epidemics, quarantine regulations, strikes or lockouts, the Contractor shall notify the Engineer in writing within two (2) regular work days after the commencement of such delay, stating the cause or causes thereof, or be deemed to have waived any right which the Contractor may have had to request a time extension.

C. **NO CLAIM FOR DAMAGES OR ANY CLAIM OTHER THAN FOR AN EXTENSION OF TIME SHALL BE MADE OR ASSERTED AGAINST THE COUNTY BY REASON OF ANY DELAYS.** No interruption, interference, inefficiency, suspension or delay in the commencement or progress of the work shall relieve the Contractor of his duty to perform or give rise to any right to damages or additional compensation from the County. The Contractor expressly acknowledges and agrees that the Contractor shall receive no damages for delay. However, this provision shall not preclude recovery or damages by the Contractor for hindrances or delays due solely to fraud, bad faith or active interference on the part of the County. Otherwise, Contractor shall be entitled to extensions of the Contract Time as the sole and exclusive remedy for such resulting delay, in accordance with and to the extent specifically provided above. This provision applies to claims for early completion as well as late completion. Such extensions of time will not be granted for delays caused by unfavorable weather, ground conditions related to the weather, inadequate construction force or for the failure of the Contractor to timely order equipment or materials.

D. If the Contractor complies with the two (2) regular work days notice requirement, the Engineer shall ascertain the facts and the extent of the delay being claimed. The Engineer's findings of fact justify such an extension, and the Engineer's finding of fact shall be final and conclusive on the parties. The Contractor shall cooperate with the Engineer's investigation of the delays by providing any schedules, correspondence or other data that may be required to complete the findings of fact. Extensions to the contract time may be granted for only those delays that impact the Contractor's Construction Schedule. Extensions of contract time must be authorized by Change Order approved in accordance with Board policy.

8. PROSECUTION OF WORK ON SATURDAYS, SUNDAYS AND RECOGNIZED HOLIDAYS

A. Work will not be permitted on Sundays and recognized Holidays unless permission to work has been requested in writing by the Contractor and approval, in writing, has been granted by the Engineer. Request for permission to work must be received by the Engineer no less than twenty-four (24) hours prior to the work day. Work on Saturdays may be permitted by verbal notification.

B. No work will be permitted on:

New Years Day
Independence Day
Thanksgiving Day
Christmas Day

C. When approval is granted in accordance with the provisions stated above, work will be allowed on:

Martin Luther King, Jr. Day
Memorial Day
Labor Day
Veterans Day
Friday after Thanksgiving Day

If Christmas or New Year's Day shall fall on Tuesday or Thursday, the preceding Monday or the following Friday shall be recognized as a holiday also. If any recognized holiday shall fall on a Saturday, the preceding Friday shall be observed as a holiday. If any recognized holiday shall fall on a Sunday, the following Monday shall be observed as a holiday.

C. The Contractor shall pay to the County, as reimbursement of costs incurred by the County, the sum of TWO HUNDRED FIFTY and 00/100 DOLLARS ($250.00) per County employee per day for each Sunday or recognized Holiday on which the Contractor works.

D. Payment to the County of such sums as may become payable under the provisions of this Article shall be made by identifying the said sums as a credit item on the Contractor's pay estimate for the period during which the liability for the sums occurred. The credit item shall show the total number of days applicable under (D) times the corresponding per day or per hour cost.

9. **NON-TRADITIONAL WORK HOURS**

At the discretion of the Engineer, the Contractor may be required to work non-traditional hours. Non-traditional hours are defined as work between the hours of 5:00 p.m. and 7:00 a.m. Such hours are considered night work and the Contractor shall comply with the Florida Department of Transportation Standard Specification for Road and Bridge Construction 2007 Edition Section 8-4.1 Night Work and Section 330-3.2.4 Night Paving. The Contractor shall be required to operate with light plants and perform Maintenance of Traffic (MOT) in a method appropriate for such operations.
Any additional cost associated for night work shall be bid on a per mile basis as outlined on the bid sheet.

Should the Contractor wish to work non-traditional hours when not required by the Engineer, the Contractor shall put a request in writing to the Engineer. With the approval from the Engineer, the Contractor shall be allowed to work these hours with proper MOT. It shall be understood that if the Contractor has petitioned to work these hours and it is

not at the request of the County, there shall be no additional cost associated with this work accessed to the County and the Contractor shall not be eligible for non-traditional work hours.

10. LIQUIDATED DAMAGES

A. The County and the Contractor recognize that, since time is of the essence for this Contract, the County will suffer financial loss if the work is not completed within the time specified.

B. The County shall be entitled to assess, as liquidated damages, but not as a penalty, for each calendar day after the scheduled completion date. The project shall be deemed to be completed on the date the work is deemed complete to the satisfaction of the Engineer. The Contractor hereby expressly waives and relinquishes any right which it may have to seek to characterize the above-noted liquidated damages as a penalty. The parties agree that the liquidated damages sum represents a fair and reasonable estimate of the County's actual damages at the time of contracting if the Contractor fails to complete the work in a timely manner. The liquidated damages shall be as follows:

Original Contract Amount	Daily Charge Per Calendar Day
$50,000 and under	$674
Over $50,000 but less than $250,000	$544
$250,000 or more but less than $500,000	$634
$500,000 or more but less than $2,500,000	$1,288
$2,500,000 or more but less than $5,000,000	$2,470
$5,000,000 or more but less than $10,000,000	$3,730
$10,000,000 or more but less than $15,000,000	$5,240
$15,000,000 or more but less than $20,000,000	$6,078
$20,000,000 and over	$8,624 plus 0.00027 percent per day for amount over $20,000,000

C. Any Contractor that is in default for not completing the work within the time specified will be removed from the bidder's list, at the option of the County, and not permitted to bid work for Lake County until the project is complete and the liquidated damages sum is satisfied.

11. CHANGES IN THE WORK

A. Without invalidating the contract, the Engineer may at any time, by written order, direct extra work within the general scope or alter the work by addition or deduction of items that do not alter the scope of the work. Such changes may be effected by Change Order or by other written order. Such changes shall be binding on the Contractor. No officer, employee, or agent of the County is authorized to direct any extra or change work orally. All changes orders shall be executed in the manner set forth in the Lake County Purchasing Procedures. A copy of such procedures shall be available upon request.

B. If changes to the scope of the work are required or if the contract time or the total contract price is increased or decreased, a Change Order in accordance with Board policy

will be required.

C. The value of such extra work or change shall be determined by contract unit values if applicable unit values are set forth in the contract. The amount of the change shall be computed from such values and added to or deducted from the contract price. If the applicable unit values are not in the contract, the value of such extra work or change shall be determined by negotiation.

D. Should a Change Order be required, and the County and the Contractor are unable to agree on the requested change, the Contractor shall, nevertheless, promptly perform the change as directed in writing by the Engineer. If the Contractor disagrees with the Engineer's adjustment determination, the Contractor must make a claim pursuant to the Claims and Dispute Section herein, or else be deemed to have waived any claim on this matter it might otherwise have had.

E. For new work not covered by contract unit values, the amount of an increase shall be limited to the Contractor's reasonable direct labor and material costs and reasonable actual equipment costs as a result of the change (including allowance for labor burden costs) plus a maximum ten percent (10%) markup for all overhead and profit. In the event such change work is performed by a subcontractor, a maximum ten percent (10%) markup for all overhead and profit for all subcontractors' direct labor and material costs and actual equipment costs shall be permitted, with a maximum five percent (5%) markup thereon by the Contractor for all of its overhead and profit, for a total overall maximum markup of fifteen percent (15%) of the amount of change work. All compensation due the Contractor and any Subcontractor or sub-subcontractor for field and home office overhead is included in the markups noted above.

F. In an emergency endangering life or property, or as expressly set forth herein, the Engineer has the authority to order the necessary work in writing. The County shall not be liable to the Contractor for any increased compensation without such written order. The payment authorized by a written order shall represent full and complete compensation to the Contractor for labor, materials, incidental expenses, overhead, profit, impact costs, and time associated with the work authorized by such written order.

G. Execution by the Contractor of a properly authorized Change Order (see appendix) shall be considered a waiver of all claims or requests for additional time or compensation for any activities prior to the time of execution related to items included in the Change Order.

12. CLAIMS AND DISPUTES

A. Claims by the Contractor shall be made in writing to the Engineer within two (2) business days after the commencement of the event giving rise to such claim or else the Contractor shall be deemed to have waived the claim. Written supporting data shall be submitted to the Engineer within ten (10) calendar days after the occurrence of the event, unless the County grants additional time in writing, or else the Contractor shall be deemed to have waived the claim. All claims shall be priced in accordance with the provisions of the section in this document entitled "Changes in Work".

B. The Contractor shall proceed diligently with its performance as directed by the County,

regardless of any pending claim, action, suit, or administrative proceeding, unless otherwise agreed to by the County in writing. The County shall continue to make payments on the undisputed portion of the contract in accordance with the contract documents during the pendency of any claim.

C. Claims by the Contractor shall be resolved in the following manner:

1. Upon receiving the claim and supporting data, the County shall within fifteen (15) business days respond to the claim in writing stating that the claim is either approved or denied. If denied, the County shall specify the grounds for denial. The Contractor shall then have fifteen (15) calendar days in which to provide additional supporting documentation, or to notify the County that the original claim stands as is.

2. If the claim is not resolved, the County may, at its option, choose to submit the matter to mediation. A mediator shall be mutually selected by the parties and each party shall pay one-half (1/2) the expense of mediation. If the County declines to mediate the dispute, the Contractor may bring an action in the County or Circuit Court sitting in Lake County, Florida.

D. Claims by the County against the Contractor shall be made in writing to the Contractor as soon as the event leading to the claim is discovered by the County. Written supporting data shall be submitted to the Engineer. All claims shall be priced in accordance with the provisions of the section in this document entitled "Changes in Work". The Engineer shall make a determination on the claim within fifteen (15) business days of receipt of the claim and shall communicate said determination to the County and the Contractor in writing. The Contractor may appeal the determination as set forth in subsection C (2) above.

E. Arbitration shall not be considered as a means of dispute resolution.

13. MEASUREMENT AND PAYMENT

A. All work completed under the terms of this contract shall be measured according to United States Standard Measures.

B. All measurements shall be taken horizontally or vertically, unless specifically provided otherwise.

C. In the measurement of items to be paid for on the basis of area of finished work, when the pay quantity is designated to be determined by calculation, the lengths and/or widths to be used in the calculations shall be the station-to-station dimensions shown on the plans, the station-to-station dimensions actually constructed within the limits designated by the Engineer, or the final dimensions measured of the completed work

within the lines shown on the plans or designated by the Engineer. The method, or combination of methods, shall be those which reflect with reasonable accuracy the actual area of finished work as determined and authorized by the Engineer.

D. No payment will be made for either construction over a greater area than authorized, or for material moved from outside of stakes and data shown on the plans, except when

such work is performed upon instructions of the Engineer.

E. The Contractor shall accept compensation provided under the terms of this contract as full payment for furnishing all materials and for performing all work contemplated and embraced under this contract. Such compensation shall also be for any and all loss or damage arising out of the nature of the work or from the action of the elements, or from any unforeseen difficulties or obstructions encountered during the contract period until final acceptance by the County.

F. Whenever any change, or combination of changes in the plans, results in an increase or decrease in the original contract quantities, and the work added or decreased/eliminated is of the same general character as that called for in the plans, the Contractor shall accept payment in full at the original contract unit prices for the actual quantity of work performed, with no allowance for any loss of anticipated profits.

G. Where the pay quantity for an item is designated to be Lump Sum, and the plans or specifications indicate an estimated quantity, compensation for that item will be adjusted proportionately if a plan change results in a significant change in the quantity from such estimated plan quantity.

H. Failure to construct any item to plan or authorized dimensions within the specification tolerances shall result in reconstruction by the Contractor to acceptable tolerances at no additional cost to the County, acceptance at no pay, or acceptance at reduced final pay as determined by the Engineer. Adjustments to final pay for those items designated to be paid on the basis of Lump Sum quantity under these provisions shall not be made unless such adjustments results in an aggregate change per item of more than $1,000.00 for earthwork items, or more than $100.00 for any other item.

I. Materials purchased by the Contractor for drainage structures, drainage pipe, and road base delivered to job site for this contract are eligible as determined by the Engineer for payment up to one half the bid unit price. If payment is made the materials shall become the property of Lake County. The Contractor shall be responsible for loss or theft and shall replace, at the Contractor's expense, any such materials lost for any reason. The remainder of payment shall not be made until such materials are properly constructed and in place per plans and specifications.

14. PAYMENTS TO CONTRACTOR

A. Monthly progress payments will be made to the Contractor. In accordance with the items listed within the Bid Form - Tabulation of Estimated Quantities (Division W), a list of items rendered complete, satisfactory, and acceptable will be prepared by the Contractor within 30 calendar days after reaching substantial completion. Failure of the Contractor to include any corrective work or pending items not yet completed on the list developed pursuant to this subsection does not alter the responsibility of the Contractor to complete all construction services purchased pursuant to this Contract. Upon completion of all items on the list, the Contractor may submit a payment request with his next monthly invoice for all remaining retainage withheld by the County. If a good-faith dispute exists as to whether one or more items have been completed pursuant to the Contract, the County may continue to withhold an amount not to exceed 150 percent of the total costs to complete the remaining items. The Contractor's project representative will be required to

review these estimates with the Inspector and sign the estimate in agreement. The payment estimate based on extension of the unit values for said quantities will then be checked by the Inspector's supervisor, who will reconfirm with the Inspector and contractor any required corrections, before further processing for payments.

B. All payments made to the Contractor and all payment of subcontractors, sub-contractors, material men, and suppliers shall be in accordance with Part VII, Chapter 218, Florida Statutes (2007).

C. If subcontractors or materials suppliers are to be used by the Contractor, the Contractor shall provide a listing of such subcontractors and/or materials suppliers with the Contractor's acceptance of the Cost Estimate. The listing shall include the name of each subcontractor/material supplier proposed, the work or the material the subcontractor/material supplier will provide, and the percentage of the overall proposed project. Prior to final payment to the Contractor, Contractor shall provide *Certification of Payment to Subcontractors/Materials Suppliers* before invoice is processed and paid.

D. Federal or State Funding If any project given to the Contractor under this Agreement is one in which federal or state funds shall be used, the Contractor is hereby informed that payment shall be contingent upon receipt of said federal or state funds or approval. Additionally, payment shall be contingent upon the Contractor completing all required forms and documentation as is necessary in order to obtain such federal or state funding or approval.

15. ACCEPTANCE AND FINAL PAYMENT

A. Final Inspection - Whenever all materials have been furnished, all work has been performed, and the construction contemplated by the contract has been satisfactorily completed, the Engineer will make the final inspection.

B. Maintenance of Work - The Contractor shall maintain all work in first-class condition until final inspection is completed and accepted by the Engineer. All Bonds and Insurance shall be maintained until final acceptance by the Board of County Commissioners.

C. Final Acceptance

1. Upon completion of the final construction inspection and where the work is found to be completed satisfactorily, the Contractor shall prepare a final estimate.

2. Whenever the work provided for under the contract has been completely performed by the Contractor, and the final inspection has been made by the Engineer, a final pay request showing the value of the work will be prepared by the Contractor as soon as the necessary measurements and computations can be made. All prior estimates and payments shall be subject to correction in the final estimate and payment. The amount of this estimate, less any sums that may have been deducted or retained under the provisions of the contract, will be paid to the Contractor as soon as practicable, after the Contractor has furnished a sworn Affidavit in the form provided in Division Z of this Contract, to the effect that all bills are paid and no suits are pending, and after the Contractor has agreed

in writing to accept the balance due, as determined by the County, as full settlement of his account under contract and of all claims in connection therewith.

3. The surety on the contract bonds consents, by completion of their portion of the affidavit and surety release subsequent to the Contractor's completion of his portion, to final payment to the Contractor and agrees that the making of such payment shall not relieve the surety of any of its obligations under the bonds.

D. Waiver of Claims

1. The Contractor's acceptance of final payment shall constitute a full waiver of any and all claims by the Contractor against the County arising out of this Contract or otherwise related to the project, except those previously made in writing and identified by the Contractor as unsettled at the time the final estimate is prepared.

2. Neither the acceptance of the work nor payment by the County shall be deemed to be a waiver of the County's rights to enforce any continuing obligations of the Contractor hereunder or to the recovery of damages for defective work not discovered by the County at the time of final inspection.

E. Termination of Contractor's Responsibility

The contract will be considered complete when all work has been completed and has been accepted by the Engineer. The Contractor will then be released from further obligation except as set forth in his bonds and in this Division.

F. Recovery Rights, Subsequent to Final Payment

The County reserves the right, should an error be discovered in the partial or final estimates, or should proof of defective work or materials used by or on the part of the Contractor be discovered after the final payment has been made, to claim and recover from the Contractor or his surety, or both, by process of law, such sums as may be sufficient to correct the error or make good the defects in the work and materials.

16. COVENANT AGAINST CONTINGENT FEES

a. The Contractor warrants that no person or selling agency has been employed or retained to solicit or secure this Contract upon an agreement or understanding for a commission, percentage, brokerage or contingent fee, except bona fide employees of bona fide established commercial or selling agencies maintained by the Contractor for the purpose of securing business. For breach or violation of this warranty the County shall have the right to annul this Contract without liability or, in its discretion, to deduct from the Contract price or consideration, or otherwise recover, the full amount of such commission, percentage, brokerage or contingent fee.

17. LANDS FOR WORK AND ACCESS THERETO

A. The County will furnish and define the limits of land for access to the construction site and for the site proper. All information shown in the Contract Documents constitutes the extent of land provided by the County. Any and all other lands required by the Contractor

shall be procured by the Contractor at the Contractor's expense.

B. As the work progresses, the Contractor shall keep the site reasonably clear of rubbish, trash, waste and other disposable materials on a daily basis.

1. If the Contractor allows the site to become littered and unsightly, any payments otherwise due may be withheld until the Contractor cleans up the site to the satisfaction of the Engineer. If the Contractor fails to clean-up the site, the County may choose to clean-up the site at the Contractor's expense.

C. Temporary buildings (storage sheds, shops, offices, etc.) may be erected by the Contractor only with the approval of the Engineer after obtaining necessary permits, and shall be built with labor and materials furnished by the Contractor without expense to the County. Such temporary buildings and/or utilities shall remain the property of the Contractor and will be removed by him at his expense upon the completion of the work. With the written consent of the Engineer, such buildings and/or utilities may be abandoned and need not be removed.

D. The Contractor shall confine all construction equipment, the storage of materials and equipment and the operations of workers to the project site and land and areas identified in and permitted by the Contract Documents, and shall not unreasonably encumber the project site with construction equipment or other material or equipment. The Contractor shall assume full responsibility for any damage to any such land or area, or to the owner or occupant thereof, or any land or areas contiguous thereto, resulting from the performance of the work.

E. The Contractor is responsible for ensuring and complying with any permit requirements from Federal, State, County, or local agencies in the storage of material on properties not under the control of Lake County. The Contractor shall provide best management practices at storage sites to prevent erosion, hazardous materials contamination, or other contaminations from occurring.

18. SITE INVESTIGATION

A. Each Contractor shall visit the site of the proposed work and fully acquaint himself with conditions relating to construction and labor so that he may fully understand the facilities, difficulties and restrictions attending the execution of work under the contract. The Contractor shall thoroughly examine and be familiar with the Contract Documents. Failure or omission of the Contractor to receive or examine any form, instrument, addendum or other documents, or to visit the site and acquaint himself with conditions existing thereon, shall in no way relieve the Contractor from any obligation with respect to the Contract.

Optional *The Geotechnical Report dated _____, 20____, as prepared by _____and the Environmental Site Assessment Report dated _____, 20_____, as prepared by _____, are available for review at the Lake County _____office at _____, Tavares, Florida.*

Lake County does not warrant the accuracy or completeness of these reports, soil samples, or any other site condition information or data made available including, but not limited to,

underground utility location. The submission of a bid shall be taken as prima-facie evidence of compliance with this section.

B. The Contractor acknowledges that he has satisfied himself as to the nature and location of the work; the general and local conditions, including but not restricted to, those bearing upon transportation, disposal, handling and storage of materials; availability of labor, water, electric power, roads; and uncertainties of weather, river stages, tides or similar physical conditions at the site; the conformation and conditions of the ground; the character of equipment and facilities needed preliminary to and during prosecution of the work.

C. The Contractor further acknowledges that he has satisfied himself as to the character, quality and quantity of surface and subsurface materials, obstacles, or conditions to be encountered.

D. Any failure by the Contractor to acquaint himself with any aspect of the work or with any of the applicable conditions shall not relieve the Contractor from responsibility for adequately evaluating the difficulty or cost of successfully performing the work under the Contract Documents, nor shall it be considered the basis for any claim for additional time or compensation.

E. The County assumes no responsibility for any conclusions or interpretations made by the Contractor on the basis of the information made available by the County. The County also assumes no responsibility for any understanding or representations made by its officers or agents during or prior to the execution of this Contract, unless such understanding or interpretations are made in writing.

19. PROTECTION OF EXISTING STRUCTURES, UTILITIES, WORK AND VEGETATION

A. Location of existing structures and utilities provided in the Contract Documents are approximate only. Any damage to existing structures or work of any kind, or the interruption of a utility service resulting from failure to comply with the requirements of the Contract Documents, shall be repaired or restored promptly by, and at the expense of the Contractor.

B. The Contractor will preserve and protect all existing vegetation such as trees, shrubs and grass on or adjacent to the site which do not unreasonably interfere with the construction as may be determined by the Engineer. The Contractor will be responsible for all unauthorized cutting or damaging of trees and shrubs, including damage due to careless operation of equipment, stockpiling of materials or tracking of grass areas by equipment.

C. Care will be taken by the Contractor in felling trees authorized for removal to avoid unnecessary damage to vegetation that is to remain in place. Any limbs or branches of trees broken during such operations shall be trimmed without cutting into the trunk and left with a clean cut and a small stub. The Contractor will be liable for, or may be required to replace or restore at his own expense, all vegetation that may be destroyed or damaged due to the Contractor's failure to protect and preserve same as required herein.

D. Where the Contractor hauls material or equipment to the project over roads and bridges on the State road system, County road system or City street system, and such use causes damage, he shall immediately, at his expense, repair such road or bridge to as good a condition as before the hauling began. Such hauling shall be conducted in accordance with all applicable environmental and safety regulations.

a. The Contractor shall not be responsible for the repair of a road that is determined to be substandard or in otherwise poor condition if both of the following items occur:

1. the damage occurred while carrying out the duties of the assigned work

2. The road damaged is the only means of accessing the road that is to be repaired.

b. The Contractor shall ensure that every precaution possible is used to limit the damage of a substandard road.

If the Contractor identifies an area of concern they shall notify the Engineer at the earliest opportunity so that a solution can be developed to limit the amount of damage.

E. The Contractor shall fully protect the work from loss or damage and shall bear the cost of any such loss or damage until final payment has been made. If the Contractor or any one for whom the Contractor is legally liable for is responsible for any loss or damage to the work, or other work or materials of the County or County's separate contractors, the Contractor shall be charged with the same, and any monies necessary to replace such loss or damage shall be deducted from any amounts due the contractor.

F. All existing monuments shown on these plans are to be preserved, if possible. Any monuments damaged or destroyed without the express written permission of Lake County, including but not limited to horizontal and vertical control points and property corners, are to be restored at the expense of the Contractor by a professional surveyor and mapper, licensed to do business in the State of Florida.

20. OTHER WORK

A. The Contractor will cooperate with County forces or others who may be engaged in authorized work prior to final completion of the project.

B. The Contractor shall cooperate with the owners of any underground or overhead utility lines in their removal and rearrangement operations in order that these operations may progress in a reasonable manner and that service rendered by these parties will not be interrupted.

C. The County may perform other work related to the project at the site by the County's own forces, have other work performed by utility owners or let other direct contracts. If the fact that such other work is to be performed is not noted in the Contract Documents, notice thereof will be given to the Contractor. If the Contractor believes that such performance will involve additional expense to the Contractor or require additional time, the Contractor shall send written notice of that fact to the County and the Engineer within forty-eight (48) hours of being notified of the other work. If the Contractor fails to send the above required forty-eight (48) hour notice, the Contractor will be deemed to have waived any rights it otherwise may have had to seek an extension to the contract time or adjustment to the contract amount. The Contractor shall afford each utility owner and other contractors (or the County, if the County is performing the additional work with the

County's employees) proper and safe access to the site and a reasonable opportunity for the introduction and storage of materials and equipment and the execution of such work and shall properly connect and coordinate its work with theirs. The Contractor shall not endanger any work of others by cutting, excavating or otherwise altering their work and will only cut or alter their work with the written consent of the Engineer and the others whose work will be affected.

E. If any part of the Contractor's work depends, for proper execution or results, upon the work of any other contractor other than a subcontractor or utility owner, the Contractor shall inspect and promptly report to the Engineer, in writing, any delays, defects or other problems in such other work that render it impossible for the Contractor to obtain proper execution or results. The Contractor's failure to report will constitute an acceptance of the other work as fit and proper for integration with the Contractor's work.

21. TERMINATION

A. Termination for Default

1. The Contractor shall be considered in material default of the Contract and such default shall be considered cause for the County to terminate the Contract, in whole or in part, as further set forth in this Section, for any of the following reasons:

a. Failing to begin the work under the Contract Documents within the time specified herein;

b. Failing to properly and timely perform the work as directed by the Engineer or as provided for in the approved Construction Schedule;

c. Performing the work unsuitably or neglecting or refusing to remove materials or to correct or replace such work as may be rejected as unacceptable, unsuitable or otherwise defective;

d. Discontinuing the prosecution of the work;

e. Failing to resume work that has been suspended within a reasonable time after being notified to do so;

f. Becoming insolvent or declared bankrupt, or committing any act of bankruptcy;

g. Allowing any final judgment to stand unsatisfied for more than ten (10) days;

h. Making an assignment for the benefit of creditors;

i. Failing to obey laws, ordinances, regulations or other codes of any governmental authority with jurisdiction on the project;

j. Failing to perform or abide by the terms or spirit of the Contract Documents.

k. Failing to maintain contract security as required by the Contract Documents.

2. The County shall notify the Contractor in writing of the Contractor's default. If the County determines that the Contractor has not taken substantial steps toward effecting a remedy or cure of the default or defaults in his performance within seven (7) calendar days following receipt by the Contractor of written notice of default or defaults, then the County, at its option, without releasing or waiving its rights and remedies against the Contractor's sureties, and without prejudice to any other right it may be entitled to hereunder or by law, may terminate the Contractor's right to proceed under this Contract, in whole or in part, and may take possession of the work and any materials, tools, equipment, and appliances of the Contractor, take assignments of any of the Contractor's subcontracts and purchase orders and complete the Contractor's work by whatever means, method or agency which the County, in its sole discretion, may choose.

3. If the County deems any of the foregoing remedies necessary, the Contractor agrees it shall not be entitled to receive any further payment until after the work is completed. All money expended and all of the costs, losses, damages and extra expenses, including all management, administrative and other overhead and other direct and indirect expenses, (including engineering, architectural and attorney's fees) or damages incurred by the County incident to such completion, shall be deducted from the contract price, and if such expenditures exceed the unpaid balance of the contract price, the Contractor agrees to pay promptly to the County on demand, the full amount of such excess, including costs of collection, attorneys' fees (including appeal) and interest thereon at the maximum legal rate of interest until paid.

4. The liability of the Contractor hereunder shall extend to and include the full amount of any and all sums paid, expenses and losses incurred, damages sustained and obligations assumed by the County in good faith under the belief that such payments or assumptions were necessary or required, in completing the work and providing labor, materials, equipment, supplies, and other items therefore or relating to the work, and in settlement, discharge, or compromise of any claims, demands, suits or judgments pertaining to or arising out of the work hereunder.

5. If after notice of termination of the Contractor's right to proceed pursuant to this subparagraph A it is determined for any reason that the Contractor was not in default or that his default was excusable, or that the County is not entitled to the remedies against the Contractor provided herein, then the Contractor's remedies against the County shall be the same as and limited to those afforded the Contractor pursuant to the Termination for Convenience subparagraph B below.

B. Termination for Convenience and Right of Suspension

1. The County shall have the right to terminate or suspend this Contract, in whole or in part, without cause upon seven (7) calendar days written notice to the Contractor.

2. In the event of such termination or suspension for convenience, the Contractor's sole recovery against the County shall be limited to that portion of the contract price earned through the date of termination or suspension, together with any retainage withheld and reasonable termination or suspension expenses incurred, but the Contractor shall not be entitled to any other or further recovery against the County, including, but not limited to, damages and any anticipated profit or work not performed.

22. SUBMITTALS

A. Schedule

1. At or before the Pre-construction Conference, the Contractor shall submit a preliminary Construction Progress Schedule to the Engineer. The County will review the schedule and provide the Contractor with comments. Within ten (10) days after receipt of the County's comments, the Contractor shall deliver to the Engineer a Construction Progress Schedule in a form satisfactory to the Engineer and showing the proposed dates of commencement and completion of each of the various subdivisions of work. A bar graph format is acceptable for the Construction Progress Schedule. If required by the Engineer, at or before the Pre-construction Conference, the Contractor shall provide to the County a breakdown of estimated monthly payments for the entire duration of the contract period.

2. For lump sum contracts the Contractor shall also furnish the Engineer with a detailed estimate giving a complete breakdown of the value of items of work to be paid for the purpose of making partial payments thereon. The values employed in making up this estimate and the schedule will be used only for determining the basis of partial payment and will not be considered as fixing a basis for additions to or deductions from the contract price.

3. The Construction Progress Schedule shall be updated by the Contractor. All updates to the progress schedule shall be submitted for the Engineer's file.

4. The work shall be planned and carried out so as to minimize the interruption of existing services, and/or traffic, or as directed by the Engineer.

5. The Contractor is to furnish the Engineer for approval a Traffic Control Plan (TCP) that complies with the Manual on Uniform Traffic Control Devices (MUTCD) and FDOT Index 600.

6. If a National Pollution Discharge Elimination System (NPDES) Construction Permit is required for the Project, prior to construction the Contractor is to furnish the Engineer a copy of the Stormwater Pollution Prevention Plan (SWPPP).

B. Shop Drawings/Working Drawings

1. Four (4) complete sets of detailed shop or working drawings shall be furnished by the prime Contractor to the Engineer for review and processing. The submittal shall include all details, computations, materials, loads, stresses, member sizes, deflections, and temporary connections for precasting.

2. All shop, working and erection drawings prepared by the Contractor or his subcontractor, fabricator or supplier shall be REVIEWED, DATED, STAMPED, APPROVED, SEALED (if required), and SIGNED BY THE CONTRACTOR prior to submission to the Engineer for review by the Engineer of Record. By approving and submitting shop or working drawings, the Contractor represents that he has verified work requirements, field measurements, construction criteria, sequence of assembly and erection, access and clearances, catalog numbers and other similar data. Each submission shall indicate the

specification section or bid item number and page and/or sheet number to which the submission applies. Under no circumstances will submittals be accepted from subcontractors.

The Contractor shall indicate on the working, shop and erection drawings all deviations from the Contract Documents and shall itemize all deviations in the letter of transmittal.

3. Submittals shall be made to the Engineer and will be distributed to the appropriate Design Engineer of Record by the Engineer. The Contractor shall identify each submittal by contract number and title on the form provided by the Engineer. All submittals are to be transmitted in an expeditious manner to ensure "next day delivery". After they have been reviewed by the Engineer or Design Engineer of Record, all submittals shall be stamped either "no exceptions," "exceptions noted" or "rejected" with resubmittal required and returned to the Contractor.

4. Prior to receipt of the reviewed shop or working drawings from the County, work done or materials ordered for items covered by the drawings shall be done at the Contractor's risk.

5. All submittals by the Contractor shall be made sufficiently in advance of the scheduled start of the applicable construction operation to allow for shop drawings review and for Contractor action required in addressing review comments. The review period shall begin on the day the submittal is received in the office of the Engineer and shall be completed on the day the Engineer transmits reviewed drawings to the Contractor.

6. The Contractor shall schedule the submission of shop drawing sheets (to be discussed at the pre-construction meeting) so that approximately twenty-one (21) days are allowed for review by the Engineer and Design Engineer of Record for routine work. For more complex work, the number of copies and the scheduled time for review shall be increased proportionately to the complexity of the work. Contractor submittals that are to be considered as complex and requiring proportionately greater review time include, but are not limited to, the following:

a. Contractor submittals of alternative design features or modifications to the original design.
b. Contractor submittals of complex designs, unusual construction or equipment and methods requiring analysis of design calculations.

C. Material Safety Data Sheets Requirement

If any chemicals, or materials or products containing toxic substances are to be used at any time during this Contract, pursuant to completion of this Contract, the Contractor shall furnish a Material Safety Data Sheet to both the Lake County Department of Risk Management and the Engineer, prior to commencing such use.

D. Materials

1. Delivery Tickets: The Contractor shall submit a copy of all delivery tickets for materials used on the project, regardless of the basis of payment.

2. Job Mix Formula for Asphaltic Concrete: Attention is directed to the provisions of FDOT Implemented Specifications, Local Agency Specifications, Special Provisions, Asphalt Section 334, Specification Number SP 3340000,and all supplemental specifications thereto which require the submission of job mix formulas for asphaltic concrete, of the type specified, at least fourteen (14) days before plant operations begin. The submitted formula shall be approved by the County. The Contractor shall prepare the mix formula to be submitted to the County.

There shall be no Asphalt price re-determination allowed as part of this bid.

3. Job Mix Formula for Portland Cement Concrete: Attention is directed to the requirement that job mix design formulas for all Portland Cement Concrete, of the type specified, be submitted at least fourteen (14) days prior to use on the project. The submitted formulas shall be approved by the County and/or its agents prior to its use. All concrete mix designs shall meet FDOT Concrete Class mix guidelines or the requirements included in the Technical Specifications included in these Contract Documents.

4. All Job mix formulas shall be submitted to the Engineer.

23. RIGHT TO AUDIT

A. All of the Contractor's records related to the performance of this contract shall be open to inspection and subject to reproduction by the Engineer during normal working hours to the extent necessary to permit adequate evaluation and verification of any invoices for payment, or claims, submitted by the Contractor or any of his payees pursuant to the execution of the contract. Such records shall include, but not be limited to, accounting records, written policies and procedures, subcontractor files, original estimates, estimating work sheets, correspondence, Change Order files (including the documentation of negotiated settlements), any supporting evidence necessary to substantiate charges related to this contract, and any records necessary to evaluate and verify direct and indirect costs (including overhead allocations) as they may apply to costs associated with this contract.

B. For the purpose of such audits, inspections, examinations and evaluations the Engineer shall have access to the said records from the effective date of this contract, for the duration of the work, and until thirty-six (36) months after the date of final payment by the County to the Contractor for performance under this contract. The Contractor hereby agrees to maintain said records in safe and dry storage until the end of this time period.

C. The Engineer shall have access to the Contractor's facilities and all necessary records in order to conduct audits in compliance with this Paragraph.

24. INTEREST ON JUDGMENTS

A. In the event of any disputes between the parties to this contract, including without limited thereto, their assignees and/or assigns, arising out of or relating in any way to this contract, which results in litigation and a subsequent judgment, award or decree against either party, it is agreed that any entitlement to post judgment interest, to either party and/or their attorneys, shall be fixed by the proper court at the rate of five (5%) percent, per annum, simple interest. Under no circumstances shall either party be entitled to pre-

judgment interest. The parties expressly acknowledge and, to the extent allowed by law, hereby opt out of any provision of federal or state statute not in agreement with this paragraph.

25.DRAINAGE AND EROSION CONTROL

A. The Contractor shall so conduct his operations and maintain the work in such condition that adequate drainage and erosion control will be in effect at all times.

26.STANDARD SPECIFICATIONS

A. Unless otherwise specified, the standard specifications to be used for this work shall be the FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION," 2007, Divisions II & III, hereinafter referred to as "Standard Specifications," and the FDOT Implemented Specifications, Local Agency Specifications, Special Provisions, Asphalt Section 334, Specification Number SP 3340000 except as amended under this Contract. Certain provisions of Division I of the "Standard Specifications" will be incorporated by specific reference; those not so incorporated are **not** a part of this contract.

27.PRIORITY

In any instance where there is an apparent conflict between these Special Provisions and the corresponding terms of the "Standard Specifications," these provisions shall be controlling. **When a determination cannot be made or is disputed then the final resolution shall be approved by the Engineer and shall be binding.**

28.SURVEY AND LAYOUT

A. The Contractor shall be responsible for providing all lines, grades, boundaries and required survey and/or layout necessary to construct and inspect the project. All centerline control points shall be established and maintained through the contract period by the Contractor.

B. The Contractor shall employ or retain the services of a Florida registered Professional Land Surveyor to perform and supervise the establishment and setting of the project centerline control at intervals not to exceed 500 feet. All primary control points such as section corners, points of intersection, points of curvature and points of tangency shall be installed, referenced by acceptable standards, and maintained through the contract period. All stakes and points shall be clearly marked and identified.

C. The Contractor shall employ or retain the services of a Florida registered Professional Land Surveyor to perform and supervise the establishment of all rights-of-way/boundary staking at all project sidelines. Such staking shall be established and maintained by the Contractor's registered Professional Land Surveyor along each sideline or perimeter at each station and all points of intersection, points of curvature, and points of tangency. All stakes shall be clearly marked and identified.

D. The Contractor's registered Professional Land Surveyor and all employees engaged in survey efforts shall keep proper documentation of survey notes in hard bound books. The use of digital data storage capabilities may be used in lieu of hardbound books. Standard

ASCII files/format shall be used with software compatibility to that of the LCPWD. The Contractor shall submit for approval the selected format and software application(s).

E. The Contractor may perform or select the option to employ a Florida registered Professional Engineer or registered Professional Land Surveyor to provide construction layout. All layout and measurements shall be performed from control and boundaries established and maintained by the Contractor's Florida registered Professional Land Surveyor.

F. The Contractor shall be responsible to perform all layout in acceptable standard methods. All items shall be clearly staked and marked. Roadway items shall be staked for horizontal alignment relative to the edge of pavement with appropriate offset stakes. All vertical grades should be referenced to the nearest even foot cut or fill where practical. Tabulated cut/fill sheets are acceptable for utility work items, copies of which shall be furnished to the Engineer prior to the work.

G. All calculations for intermediate grades and locations shall be performed by the Contractor. All calculations shall be transcribed in hardbound field books prior to layout and staking.

H. The Contractor shall submit, for information only, a Survey and Layout Plan comprised of the following:

1. Name, address and certificate number of the registered Professional Land Surveyor to be in responsible charge of performing all survey control and boundary work.

2. Name, address and certificate registration number, if applicable, of the person in responsible charge of performing all layout, measurements and calculations for the project, if opted by the Contractor. This person must be a Contractor, Professional Land Surveyor or Professional Engineer.

I. Stakes Set by County: The Engineer will provide all construction stakes establishing right-of-way limits.

J. Preservation of Stakes and Marks: The Contractor will be held responsible for the preservation of all the stakes and marks. If any of the stakes or marks are carelessly or willfully destroyed or disturbed by the Contractor, the cost of replacing them shall be deducted from the payment for the work.

29. LABORATORY TESTING

A. Cost of all required laboratory testing shall be borne by the Contractor. Testing shall be in accordance with the Standard Specifications.

30. SAFETY

A. All standard equipment, work operations, safety equipment, personal protective equipment, and lighting required or mandated by State, Federal, Occupational Safety & Health Administration (OSHA), or Americans with Disabilities Act (ADA) regulations must be provided.

B. As a minimum, all equipment used within the right of way shall be equipped with a slow moving vehicle sign, properly operating amber flashing or white strobe light. All safety devices installed by the manufacturer shall be in place and in proper working order at all times. If the Engineer determines that equipment is deficient in safety devices, the Contractor shall be notified immediately. The Contractor shall immediately repair, or remove the equipment from service until the deficiency is corrected to the satisfaction of the Engineer.

C. The Engineer or other County representatives may periodically monitor work site for safety. Should there be safety and/or health violations, the County's representative may have the authority, but not the duty, to require the Contractor to correct the violation in an expeditious method. If there is any situation that is deemed unsafe by the Engineer or other County representatives, the project will be shut down immediately upon notice and will not resume work until the unsafe condition has been remedied.

D. Should the work site be in a hazardous area, the County shall take reasonable actions to furnish the Contractor with information concerning hazards such as types or identification of known toxic material, machine hazards, Material Safety Data Sheets, or any other information that would assist the Contractor in the planning of a safe work site. The contractor retains the ultimate responsibility to ensure all work is performed in a manner consistent with all applicable safety standards and directives.

E. The Contractor shall be aware that while working for the County, representatives from agencies such as the United States Department of Labor, Occupational Safety and Health Administration (OSHA), and the Division of Safety, State of Florida, are invitees and need not have warrants or permission to enter the work site.

F. The Contractor shall designate a competent person of its organization whose duty shall be the prevention of accidents at the site. This person shall be literate and able to communicate fully because of the necessity to read job instructions and signs, as well as the need for conversing with management personnel. This person shall be the Contractor's Superintendent unless otherwise designated in writing by the Contractor to the Engineer. All communications to the Superintendent shall be as binding as if given to the Contractor.

31. CONFORMITY OF WORK WITH PLANS

A. All work performed and all materials furnished shall be in reasonably close conformity with the lines, grades, cross sections, dimensions, and material requirements, including tolerances, shown on the plans or indicted in the specifications.

B. In the event the Engineer finds the materials or the finished product in which the materials are used not within reasonably close conformity with the plans and specifications, but that reasonably acceptable work has been produced, he shall then make a determination if the work shall be accepted and remain in place. In this event, the Engineer will document the basis of acceptance by contract modification which will provide for an appropriate adjustment in the contract price for such work or materials as he deems necessary to conform to his determination based on engineering judgment.

32. GUARANTEE

All work shall be guaranteed for eighteen (18) months after completion and acceptance of the work unless otherwise specified. The guarantees are to be construed as being supplemental in nature and in addition to any and all other remedies available to the County under the laws of the State of Florida.

33. WARRANTY

A. The Contractor shall obtain and assign to the County all express warranties given to the Contractor or any subcontractors by any material suppliers, equipment or fixtures to be incorporated into the Project. The Contractor warrants to the County that any materials and equipment furnished under the Contract Documents shall be new unless otherwise specified, and that all work shall be of good quality, free from all defects and in conformance with the Contract Documents. The Contractor further warrants to the County that all materials and equipment furnished under the Contract Documents shall be applied, installed, connected, erected, used, cleaned and conditioned in accordance with the instructions of the applicable manufacturers, fabricators, suppliers or processors except as otherwise provided for in the Contract Documents. Unless otherwise specified, if within eighteen (18) months after final completion and acceptance, any work is found to be defective or not in conformance with the Contract Documents, the Contractor shall correct it promptly after receipt of written notice from the County. The Contractor shall also be responsible for and pay for replacement or repair of adjacent materials or work which may be damaged as a result of such replacement or repair. These warranties are in addition to those implied warranties to which the County is entitled as a matter of law.

DIVISION I

FEDERAL REQUIREMENTS

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Executive Order 11246 — Equal Employment Opportunity

SOURCE: The provisions of Executive Order 11246 of Sept. 24, 1965, appear at 30 FR 12319, 12935, 3 CFR, 1964-1965 Comp., p.339, unless otherwise noted.

Under and by virtue of the authority vested in me as President of the United States by the Constitution and statutes of the United States, it is ordered as follows:

Part I — Nondiscrimination in Government Employment

[Part I superseded by EO 11478 of Aug. 8, 1969, 34 FR 12985, 3 CFR, 1966-1970 Comp., p. 803]

Part II - Nondiscrimination in Employment by Government Contractors and Subcontractors

Subpart A - Duties of the Secretary of Labor

SEC. 201. The Secretary of Labor shall be responsible for the administration and enforcement of Parts II and III of this Order. The Secretary shall adopt such rules and regulations and issue such orders as are deemed necessary and appropriate to achieve the purposes of Parts II and III of this Order.

[Sec. 201 amended by EO 12086 of Oct. 5, 1978, 43 FR 46501, 3 CFR, l978 Comp., p. 230]

Subpart B - Contractors' Agreements

SEC. 202. Except in contracts exempted in accordance with Section 204 of this Order, all Government contracting agencies shall include in every Government contract hereafter entered into the following provisions:

During the performance of this contract, the contractor agrees as follows:

1. The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.

2. The contractor will, in all solicitations or advancements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex or national origin.
3. The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer, advising the labor union or workers' representative of the contractor's commitments under Section 202 of Executive Order No. 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
4. The contractor will comply with afl provisions of Executive Order No. 11246 of Sept. 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
5. The contractor will furnish all information and reports required by Executive Order No. 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
6. In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be cancelled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order No. 11246 of Sept. 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order No. 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
7. The contractor will include the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order No. 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as may be directed by the Secretary of Labor as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, that in the event the contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction, the contractor may request the United States to enter into such litigation to protect the interests of the United States." [Sec. 202 amended by EO 11375 of Oct. 13, 1967, 32 FR 14303, 3 CFR, 1966-1970 Comp., p. 684, EO 12086 of Oct. 5, 1978, 43 FR 46501, 3 CFR, 1978 Comp., p. 230]

SEC. 203. Each contractor having a contract containing the provisions prescribed in Section 202 shall file, and shall cause each of his subcontractors to file, Compliance Reports with the contracting agency or the Secretary of Labor as may be directed. Compliance Reports shall be filed within such times and shall contain such information as to the practices, policies, programs, and employment policies, programs, and employment statistics of the contractor and each subcontractor, and shall be in such form, as the Secretary of Labor may prescribe.

(b) Bidders or prospective contractors or subcontractors may be required to state whether they have participated in any previous contract subject to the provisions of this Order, or any preceding similar Executive order, and in that event to submit, on behalf of themselves and their proposed subcontractors, Compliance Reports prior to or as an initial part of their bid or negotiation of a contract.

(c.) Whenever the contractor or subcontractor has a collective bargaining agreement or other contract or understanding with a labor union or an agency referring workers or providing or supervising apprenticeship or training for such workers, the Compliance Report shall include such information as to such labor union's or agency's practices and policies affecting compliance as the Secretary of Labor may prescribe: Provided, That to the extent such information is within the exclusive possession of a labor union or an agency referring workers or providing or supervising apprenticeship or training and such labor union or agency shall refuse to furnish such information to the contractor, the contractor shall so certify to the Secretary of Labor as part of its Compliance Report and shall set forth what efforts he has made to obtain such information.

(d) The Secretary of Labor may direct that any bidder or prospective contractor or subcontractor shall submit, as part of his Compliance Report, a statement in writing, signed by an authorized officer or agent on behalf of any labor union or any agency referring workers or providing or supervising apprenticeship or other training, with which the bidder or prospective contractor deals, with supporting information, to the effect that the signer's practices and policies do not discriminate on the grounds of race, color, religion, sex or national origin, and that the signer either will affirmatively cooperate in the implementation of the policy and provisions of this Order or that it consents and agrees that recruitment, employment, and the terms and conditions of employment under the proposed contract shall be in accordance with the purposes and provisions of the order. In the event that the union, or the agency shall refuse to execute such a statement, the Compliance Report shall so certify and set forth what efforts have been made to secure such a statement and such additional factual material as the Secretary of Labor may require.

[Sec. 203 amended by EO 11375 of Oct. 13, 1967, 32 FR 14303, 3 CFR, 1966-1970 Comp., p. 684; EO 12086 of Oct. 5, 1978, 43 FR 46501, 3 CFR, 1978 Comp., p. 230]

SEC. 204. The Secretary of Labor may, when the Secretary deems that special circumstances in the national interest so require, exempt a contracting agency from the requirement of including any or all of the provisions of Section 202 of this **Order** in any specific contract, subcontract, or purchase **order**. The Secretary of Labor may, by rule or regulation, exempt certain classes of contracts, subcontracts, or purchase orders (1) whenever work is to be or has been performed outside the United States and no recruitment of workers within the limits of the United States is involved; (2) for standard commercial supplies or raw materials; (3) involving less than specified amounts of money or specified numbers of workers; or (4) to the extent that they involve subcontracts below a specified tier. The Secretary of Labor may also provide, by rule, regulation, or order, for the exemption of facilities of a contractor that are in all respects separate and distinct from activities of the contractor related to the performance of the contract: provided, that such an exemption will not interfere with or impede the effectuation of the purposes of this **Order**: and provided further, that in the absence of such an exemption all facilities shall be covered by the provisions of this **Order**."

Subpart C - Powers and Duties of the Secretary of Labor and the Contracting Agencies

SEC. 205. The Secretary of Labor shall be responsible for securing compliance by all Government contractors and subcontractors with this Order and any implementing rules or regulations. All contracting agencies shall comply with the terms of this Order and any implementing rules, regulations, or orders of the Secretary of Labor. Contracting agencies shall cooperate with the Secretary of Labor and shall furnish such information and assistance as the Secretary may require.

[Sec. 205 amended by EO 12086 of Oct. 5, 1978, 43 FR 46501, 3 CFR, 1978 Comp., p.230]

SEC. 206. The Secretary of Labor may investigate the employment practices of any Government contractor or subcontractor to determine whether or not the contractual provisions specified in Section 202 of this Order have been violated. Such investigation shall be conducted in accordance with the procedures established by the Secretary of Labor.

(b) The Secretary of Labor may receive and investigate complaints by employees or prospective employees of a Government contractor or subcontractor which allege discrimination contrary to the contractual provisions specified in Section 202 of this Order.

[Sec. 206 amended by EO 12086 of Oct. 5, 1978, 43 FR 46501, 3 CFR, 1978 Comp., p.230]

SEC. 207. The Secretary of Labor shall use his/her best efforts, directly and through interested Federal, State, and local agencies, contractors, and all other available instrumentalities to cause any labor union engaged in work under Government contracts or any agency referring workers or providing or supervising apprenticeship or training for or in the course of such work to cooperate in the implementation of the purposes of this Order. The Secretary of Labor shall, in appropriate cases, notify the Equal Employment Opportunity Commission, the Department of Justice, or other appropriate Federal agencies whenever it has reason to believe that the practices of any such labor organization or agency violate Title VI or Title VII of the Civil Rights Act of 1964 or other provision of Federal law.

[Sec. 207 amended by EO 12086 of Oct. 5, 1978, 43 FR 46501, 3 CFR, 1978 Comp., p.230]

SEC. 208. The Secretary of Labor, or any agency, officer, or employee in the executive branch of the Government designated by rule, regulation, or order of the Secretary, may hold such hearings, public or private, as the Secretary may deem advisable for compliance, enforcement, or educational purposes.

(b) The Secretary of Labor may hold, or cause to be held, hearings in accordance with Subsection of this Section prior to imposing, ordering, or recommending the imposition of penalties and sanctions under this Order. No order for debarment of any contractor from further Government contracts under Section 209(6) shall be made without affording the contractor an opportunity for a hearing.

Subpart D - Sanctions and Penalties

SEC. 209. In accordance with such rules, regulations, or orders as the Secretary of Labor may issue or adopt, the Secretary may:

1. Publish, or cause to be published, the names of contractors or unions which it has concluded have complied or have failed to comply with the provisions of this Order or of the rules, regulations, and orders of the Secretary of Labor.
2. Recommend to the Department of Justice that, in cases in which there is substantial or material violation or the threat of substantial or material violation of the contractual provisions set forth in Section 202 of this Order, appropriate proceedings be brought to enforce those provisions, including the enjoining, within the limitations of applicable law, of organizations, individuals, or groups who prevent directly or indirectly, or seek to prevent directly or indirectly, compliance with the provisions of this Order.
3. Recommend to the Equal Employment Opportunity Commission or the Department of Justice that appropriate proceedings be instituted under Title VII of the Civil Rights Act of 1964.
4. Recommend to the Department of Justice that criminal proceedings be brought for the furnishing of false information to any contracting agency or to the Secretary of Labor as the case may be.
5. After consulting with the contracting agency, direct the contracting agency to cancel, terminate, suspend, or cause to be cancelled, terminated, or suspended, any contract, or any portion or portions thereof, for failure of the contractor or subcontractor to comply with equal employment opportunity provisions of the contract. Contracts may be cancelled, terminated, or suspended absolutely or continuance of contracts may be conditioned upon a program for future compliance approved by the Secretary of Labor.
6. Provide that any contracting agency shall refrain from entering into further contracts, or extensions or other modifications of existing contracts, with any noncomplying contractor, until such contractor has satisfied the Secretary of Labor that such contractor has established and will carry out personnel and employment policies in compliance with the provisions of this Order.

(b) Pursuant to rules and regulations prescribed by the Secretary of Labor, the Secretary shall make reasonable efforts, within a reasonable time limitation, to secure compliance with the contract provisions of this Order by methods of conference, conciliation, mediation, and persuasion before proceedings shall be instituted under subsection (a)(2) of this Section, or before a contract shall be cancelled or terminated in whole or in part under subsection (a)(5) of this Section.

[Sec. 209 amended by EO 12086 of Oct. 5, 1978, 43 FR 46501, 3 CFR, 1978 Comp., p.230]

SEC. 210. Whenever the Secretary of Labor makes a determination under Section 209, the Secretary shall promptly notify the appropriate agency. The agency shall take the action directed by the Secretary and shall report the results of the action it has taken to the Secretary of Labor within such time as the Secretary shall specify. If the contracting agency fails to take the action directed within thirty days, the Secretary may take the action directly.

[Sec. 210 amended by EO 12086 of Oct. 5, 1978, 43 FR 46501, 3 CFR, 1978 Comp., p 230]

SEC. 211. If the Secretary shall so direct, contracting agencies shall not enter into contracts with any bidder or prospective contractor unless the bidder or prospective contractor has satisfactorily complied with the provisions of this Order or submits a program for compliance acceptable to the Secretary of Labor.

[Sec. 211 amended by EO 12086 of Oct. 5, 1978, 43 FR 46501, 3 CFR, 1978 Comp., p.230]

SEC. 212. When a contract has been cancelled or terminated under Section 209(a)(5) or a contractor has been debarred from further Government contracts under Section 209(a)(6) of this Order, because of noncompliance with the contract provisions specified in Section 202 of this Order, the Secretary of Labor shall promptly notify the Comptroller General of the United States.

[Sec. 212 amended by EO 12086 of Oct. 5, 1978, 43 FR 46501, 3 CFR, 1978 Comp., p.230]

Subpart E - Certificates of Merit

SEC. 213. The Secretary of Labor may provide for issuance of a United States Government Certificate of Merit to employers or labor unions, or other agencies which are or may hereafter be engaged in work under Government contracts, if the Secretary is satisfied that the personnel and employment practices of the employer, or that the personnel, training, apprenticeship, membership, grievance and representation, upgrading, and other practices and policies of the labor union or other agency conform to the purposes and provisions of this Order.

SEC. 214. Any Certificate of Merit may at any time be suspended or revoked by the Secretary of Labor if the holder thereof, in the judgment of the Secretary, has failed to comply with the provisions of this Order.

SEC. 215. The Secretary of Labor may provide for the exemption of any employer, labor union, or other agency from any reporting requirements imposed under or pursuant to this Order if such employer, labor union, or other agency has been awarded a Certificate of Merit which has not been suspended or revoked.

Part III - Nondiscrimination Provisions in Federally Assisted Construction Contracts

SEC. 301. Each executive department and agency, which administers a program involving Federal financial assistance shall require as a condition for the approval of any grant, contract, loan, insurance, or guarantee thereunder, which may involve a construction contract, that the applicant for Federal assistance undertake and agree to incorporate, or cause to be incorporated, into all construction contracts paid for in whole or in part with funds obtained from the Federal Government or borrowed on the credit of the Federal Government pursuant to such grant, contract, loan, insurance, or guarantee, or undertaken pursuant to any Federal program involving such grant, contract, loan, insurance, or guarantee, the provisions prescribed for Government contracts by Section 202 of this Order or such modification thereof, preserving in substance the contractor's obligations thereunder, as may be approved by the Secretary of Labor, together with such additional provisions as the Secretary deems appropriate to establish and protect the interest of the United States in the enforcement of those obligations. Each such applicant

shall also undertake and agree (1) to assist and cooperate actively with the Secretary of Labor in obtaining the compliance of contractors and subcontractors with those contract provisions and with the rules, regulations and relevant orders of the Secretary, (2) to obtain and to furnish to the Secretary of Labor such information as the Secretary may require for the supervision of such compliance, (3) to carry out sanctions and penalties for violation of such obligations imposed upon contractors and subcontractors by the Secretary of Labor pursuant to Part II, Subpart D, of this Order, and (4) to refrain from entering into any contract subject to this Order, or extension or other modification of such a contract with a contractor debarred from Government contracts under Part II, Subpart D, of this Order.

[Sec. 301 amended by EO 12086 of Oct. 5, 1978, 43 FR 46501, 3 CFR, 1978 Comp., p. 230]

SEC. 302."Construction contract" as used in this Order means any contract for the construction, rehabilitation, alteration, conversion, extension, or repair of buildings, highways, or other improvements to real property.

(b) The provisions of Part II of this Order shall apply to such construction contracts, and for purposes of such application the administering department or agency shall be considered the contracting agency referred to therein.

(c) The term "applicant" as used in this Order means an applicant for Federal assistance or, as determined by agency regulation, other program participant, with respect to whom an application for any grant, contract, loan, insurance, or guarantee is not finally acted upon prior to the effective date of this Part, and it includes such an applicant after he/she becomes a recipient of such Federal assistance.

SEC. 303. The Secretary of Labor shall be responsible for obtaining the compliance of such applicants with their undertakings under this Order. Each administering department and agency is directed to cooperate with the Secretary of Labor and to furnish the Secretary such information and assistance as the Secretary may require in the performance of the Secretary's functions under this Order.

(b) In the event an applicant fails and refuses to comply with the applicant's undertakings pursuant to this Order, the Secretary of Labor may, after consulting with the administering department or agency, take any or all of the following actions: (1) direct any administering department or agency to cancel, terminate, or suspend in whole or in part the agreement, contract or other arrangement with such applicant with respect to which the failure or refusal occurred; (2) direct any administering department or agency to refrain from extending any further assistance to the applicant under the program with respect to which the failure or refusal occurred until satisfactory assurance of future compliance has been received by the Secretary of Labor from such applicant; and (3) refer the case to the Department of Justice or the Equal Employment Opportunity Commission for appropriate law enforcement or other proceedings.

(c) In no case shall action be taken with respect to an applicant pursuant to clause (1) or (2) of subsection (b) without notice and opportunity for hearing.

[Sec. 303 amended by EO 12086 of Oct. 5, 1978, 43 FR 46501, 3 CFR, 1978 Comp., p. 230]

SEC. 304. Any executive department or agency which imposes by rule, regulation, or order requirements of nondiscrimination in employment, other than requirements imposed pursuant to this Order, may delegate to the Secretary of Labor by agreement such responsibilities with respect to compliance standards, reports, and procedures as would tend to bring the administration of such requirements into conformity with the administration of requirements imposed under this Order: Provided, That actions to effect compliance by recipients of Federal financial assistance with requirements imposed pursuant to Title VI of the Civil Rights Act of 1964 shall be taken in conformity with the procedures and limitations prescribed in Section 602 thereof and the regulations of the administering department or agency issued thereunder.

Part IV - Miscellaneous

SEC. 401. The Secretary of Labor may delegate to any officer, agency, or employee in the Executive branch of the Government, any function or duty of the Secretary under Parts II and III of this Order.

[Sec. 401 amended by EO 12086 of Oct. 5, l978, 43 FR 46501, 3 CFR, 1978 Comp., p. 230]

SEC. 402. The Secretary of Labor shall provide administrative support for the execution of the program known as the "Plans for Progress."

SEC. 403. Executive Orders Nos. 10590 (January 19, 1955), 10722 (August 5, 1957), 10925 (March 6, 1961), 11114 (June 22, 1963), and 11162 (July 28, 1964), are hereby superseded and the President's Committee on Equal Employment Opportunity established by Executive Order No. 10925 is hereby abolished. All records and property in the custody of the Committee shall be transferred to the Office of Personnel Management and the Secretary of Labor, as appropriate.

(b) Nothing in this Order shall be deemed to relieve any person of any obligation assumed or imposed under or pursuant to any Executive Order superseded by this Order. All rules, regulations, orders, instructions, designations, and other directives issued by the President's Committee on Equal Employment Opportunity and those issued by the heads of various departments or agencies under or pursuant to any of the Executive orders superseded by this Order, shall, to the extent that they are not inconsistent with this Order, remain in full force and effect unless and until revoked or superseded by appropriate authority. References in such directives to provisions of the superseded orders shall be deemed to be references to the comparable provisions of this Order.

[Sec. 403 amended by EO 12107 of Dec. 28, 1978, 44 FR 1055, 3 CFR, 1978 Comp., p,264]

SEC. 404. The General Services Administration shall take appropriate action to revise the standard Government contract forms to accord with the provisions of this Order and of the rules and regulations of the Secretary of Labor.

SEC. 405. This Order shall become effective thirty days after the date of this Order.

REQUIRED CONTRACT PROVISIONS FOR FEDERAL-AID CONSTRUCTION CONTRACTS

I. General
II. Nondiscrimination
III. Nonsegregated Facilities
IV. Payment of Predetermined Minimum Wage
V. Statements and Payrolls
VI. Record of Materials, Supplies, and Labor
VII. Subletting or Assigning the Contract
VIII. Safety: Accident Prevention
IX. False Statements Concerning Highway Projects
X. Implementation of Clean Air Act and Federal Water Pollution Control Act
XI. Certification Regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion
XII. Certification Regarding Use of Contract Funds for Lobbying

I. GENERAL

1. These Contract provisions shall apply to all work performed on the Contract by the Contractor's own organization and with the assistance of workers under the Contractor's immediate superintendence and to all work performed on the Contract by piecework, station work, or by subcontract.

2. Except as otherwise provided for in each section, the Contractor shall insert in each subcontract all of the stipulations contained in these Required Contract Provisions, and further require their inclusion in any lower tier subcontract or purchase order that may in turn be made. The Required Contract Provisions shall not be incorporated by reference in any case. The Prime Contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with these Required Contract Provisions.

3. A breach of any of the stipulations contained in these Required Contract Provisions shall be sufficient grounds for termination of the Contract.

4. A breach of the following clauses of the Required Contract Provisions may also be grounds for debarment as provided in 29 CFR 5.12:

Section I, paragraph 2;
Section IV, paragraphs 1, 2, 3, 4, and 7;
Section V, paragraphs 1 and 2a through 2g.

5. Disputes arising out of the labor standards provisions of Section IV (except paragraph 5) and Section V of these Required Contract Provisions shall not be subject to the general disputes clause of this Contract. Such disputes shall be resolved in accordance with the procedures of the U.S. Department of Labor (DOL) as set forth in 29 CFR 5, 6, and 7. Disputes within the meaning of this clause include disputes between the Contractor (or any of its subcontractors) and the contracting agency, the DOL, or the Contractor's employees or their representatives.

6. **Selection of Labor:** During the performance of this Contract, the Contractor shall not:

a. discriminate against labor from any other State, possession, or territory of the United States (except for employment preference for Appalachian contracts, when applicable, as specified in Attachment A), or

b. employ convict labor for any purpose within the limits of the project unless it is labor performed by convicts who are on parole, supervised release, or probation.

II. NONDISCRIMINATION

(Applicable to all Federal-aid construction Contracts and to all related subcontracts of $10,000 or more.)

1. **Equal Employment Opportunity:** Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630 and 41 CFR 60) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the Contractor's project activities under this Contract. The Equal Opportunity Construction Contract Specifications set forth under 41 CFR 60-4.3 and the provisions of the American Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this Contract. In the execution of this Contract, the Contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The Contractor will work with the State highway agency (SHA) and the Federal Government in carrying out EEO obligations and in their review of his/her activities under the Contract.

b. The Contractor will accept as his operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to

their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, preapprenticeship, and/or on-the-job training."

2. **EEO Officer:** The Contractor will designate and make known to the SHA contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active Contractor program of EEO and who must be assigned adequate authority and responsibility to do so.

3. **Dissemination of Policy:** All members of the Contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the Contractor's EEO policy and Contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the Contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the Contractor's procedures for locating and hiring minority group employees.

d. Notices and posters setting forth the Contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. **Recruitment:** When advertising for employees, the Contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minority groups in the area from which the project work force would normally be derived.

a. The Contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minority group applicants. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority group applicants may be referred to the Contractor for employment consideration.

b. In the event the Contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, he is expected to observe the provisions of that agreement to the extent that the system permits the contractor's compliance with EEO Contract provisions. (The DOL has held that where implementation of such agreements have the effect of discriminating against minorities or women, or obligates the Contractor to do the same, such implementation violates Executive Order 11246, as amended.)

c. The Contractor will encourage his present employees to refer minority group applicants for employment. Information and procedures with regard to referring minority group applicants will be discussed with employees.

5. **Personnel Actions:** Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The Contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The Contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The Contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the Contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The Contractor will promptly investigate all complaints of alleged discrimination made to the Contractor in connection with his obligations under this Contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the Contractor will inform every complainant of all of his avenues of appeal.

6. **Training and Promotion:**

a. The contractor will assist in locating, qualifying, and increasing the skills of minority group and women employees, and applicants for employment.

b. Consistent with the Contractor's work force requirements and as permissible under Federal and State regulations, the Contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. Where feasible, 25 percent of apprentices or trainees in each occupation shall be in their first year of apprenticeship or training. In the event a special provision for training is provided under this Contract, this subparagraph will be superseded as indicated in the special provision.

c. The Contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The Contractor will periodically review the training and promotion potential of minority group and women employees and will encourage eligible employees to apply for such training and promotion.

7. **Unions:** If the Contractor relies in whole or in part upon unions as a source of employees, the Contractor will use his/her best efforts to obtain the cooperation of such unions to increase opportunities for minority groups and women within the unions, and to effect referrals by such unions of minority and female employees. Actions by the Contractor either directly or through a Contractor's association acting as agent will include the procedures set forth below:

a. The Contractor will use best efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minority group members and women for membership in the unions and increasing the skills of minority group employees and women so that they may qualify for higher paying employment.

b. The Contractor will use best efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The Contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the Contractor, the Contractor shall so certify to the SHA and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the Contractor with a reasonable flow of minority and women referrals within the time limit set forth in the collective bargaining agreement, the Contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minority group persons and women. (The DOL has held that it shall be no excuse that the union with which the Contractor has a collective bargaining agreement providing for exclusive referral failed to refer minority employees.) In the event the union referral practice prevents the Contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these Specifications, such Contractor shall immediately notify the SHA.

8. **Selection of Subcontractors, Procurement of Materials and Leasing of Equipment:** The Contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment.

a. The Contractor shall notify all potential subcontractors and suppliers of his/her EEO obligations under this Contract.

b. Disadvantaged business enterprises (DBE), as defined in 49 CFR 23, shall have equal opportunity to compete for and perform subcontracts which the Contractor enters into pursuant to this Contract. The Contractor will use his best efforts to solicit bids from and to utilize DBE subcontractors or subcontractors with meaningful minority group and female representation among their employees. Contractors shall obtain lists of DBE construction firms from SHA personnel.

c. The Contractor will use his best efforts to ensure subcontractor compliance with their EEO obligations.

9. **Records and Reports:** The Contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of 3 years following completion of the Contract work and shall be available at reasonable times and places for inspection by authorized representatives of the SHA and the FHWA.

a. The records kept by the Contractor shall document the following:

(1) The number of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women;

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minority and female employees; and

(4) The progress and efforts being made in securing the services of DBE subcontractors or subcontractors with meaningful minority and female representation among their employees.

b. The Contractors will submit an annual report to the SHA each July for the duration of the project, indicating the number of minority, women, and nonminority group employees currently engaged in each work classification required by the Contract work. This information is to be reported on Form FHWA-1391. If on-the-job training is being required by special provision, the Contractor will be required to collect and report training data.

III. NONSEGREGATED FACILITIES

(Applicable to all Federal-aid construction Contracts and to all related subcontracts of $10,000 or more.)

a. By submission of this bid, the execution of this Contract or subcontract, or the consummation of this material supply agreement or purchase order, as appropriate, the bidder, Federal-aid construction Contractor, subcontractor, material supplier, or vendor, as appropriate, certifies that the firm does not maintain or provide for its employees any segregated facilities at any of its establishments, and that the firm does not permit its employees to perform their services at any location, under its control, where segregated facilities are maintained. The firm agrees that a breach of this certification is a violation of the EEO provisions of this Contract. The firm further certifies that no employee will be denied access to adequate facilities on the basis of sex or disability.

b. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, restrooms and washrooms, restaurants and other eating areas, time clocks, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive, or are, in fact, segregated on the basis of race, color, religion, national origin, age or disability, because of habit, local custom, or otherwise. The only exception will be for the disabled when the demands for accessibility override (e.g. disabled parking).

c. The Contractor agrees that it has obtained or will obtain identical certification from proposed subcontractors or material suppliers prior to award of subcontracts or consummation of material supply agreements of $10,000 or more and that it will retain such certifications in its files.

IV. PAYMENT OF PREDETERMINED MINIMUM WAGE

(Applicable to all Federal-aid construction Contracts exceeding $2,000 and to all related subcontracts, except for projects located on roadways classified as local roads or rural minor collectors, which are exempt.)

1. **General:**

a. All mechanics and laborers employed or working upon the site of the work will be paid unconditionally and not less often than once a week and without subsequent deduction or rebate on any account [except such payroll deductions as are permitted by regulations (29 CFR 3) issued by the Secretary of Labor under the Copeland Act (40 U.S.C. 276c)] the full amounts of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment. The payment shall be computed at wage rates not less than those contained in the wage determination of the Secretary of Labor (hereinafter "the wage determination") which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the Contractor or its subcontractors and such laborers and mechanics. The wage determination (including any additional classifications and wage rates conformed under paragraph 2 of this Section IV and the DOL poster (WH-1321) or Form FHWA-1495) shall be posted at all times by the Contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers. For the purpose of this Section, contributions made or costs reasonably anticipated for bona fide fringe benefits under Section 1(b)(2) of the Davis-Bacon Act (40 U.S.C. 276a) on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions of Section IV, paragraph 3b, hereof. Also, for the purpose of this Section, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs, which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in paragraphs 4 and 5 of this Section IV.

b. Laborers or mechanics performing work in more than 1 classification may be compensated at the rate specified for each classification for the time actually worked therein, provided, that the employer's payroll records accurately set forth the time spent in each classification in which work is performed.

c. All rulings and interpretations of the Davis-Bacon Act and related acts contained in 29 CFR 1, 3, and 5 are herein incorporated by reference in this Contract.

2. **Classification:**

a. The SHA Contracting officer shall require that any class of laborers or mechanics employed under the Contract, which is not listed in the wage determination, shall be classified in conformance with the wage determination.

b. The Contracting officer shall approve an additional classification, wage rate and fringe benefits only when the following criteria have been met:

(1) the work to be performed by the additional classification requested is not performed by a classification in the wage determination;

(2) the additional classification is utilized in the area by the construction industry;

(3) the proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination; and

(4) with respect to helpers, when such a classification prevails in the area in which the work is performed.

c. If the Contractor or subcontractors, as appropriate, the laborers and mechanics (if known) to be employed in the additional classification or their representatives, and the Contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the Contracting officer to the DOL, Administrator of the Wage and Hour Division, Employment Standards Administration, Washington, D.C. 20210. The Wage and Hour Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the Contracting officer or will notify the Contracting officer within the 30-day period that additional time is necessary.

d. In the event the Contractor or subcontractors, as appropriate, the laborers or mechanics to be employed in the additional classification or their representatives, and the Contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the Contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the Contracting officer, to the Wage and Hour Administrator for determination. Said Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the Contracting officer or will notify the Contracting officer within the 30-day period that additional time is necessary

Where a Contractor or subcontractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman-level hourly rate) specified in the Contractor's or subcontractor's registered program shall be observed.

(3) Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeyman-level hourly rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator for the Wage and Hour Division determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

(4) In the event the Bureau of Apprenticeship and Training, or a State apprenticeship agency recognized by the Bureau, withdraws approval of an apprenticeship program, the Contractor or subcontractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the comparable work performed by regular employees until an acceptable program is approved.

b. Trainees:

(1) Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the DOL, Employment and Training Administration.

(2) The ratio of trainees to journeyman-level employees on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

(3) Every trainee must be paid at not less than the rate specified in the approved program for his/her level of progress, expressed as a percentage of the journeyman-level hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees

e. The wage rate (including fringe benefits where appropriate) determined pursuant to paragraph 2c or 2d of this Section IV shall be paid to all workers performing work in the additional classification from the first day on which work is performed in the classification.

3. **Payment of Fringe Benefits:**

a. Whenever the minimum wage rate prescribed in the Contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the Contractor or subcontractors, as appropriate, shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly case equivalent thereof.

b. If the Contractor or subcontractor, as appropriate, does not make payments to a trustee or other third person, he/she may consider as a part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, provided, that the Secretary of Labor has found, upon the written request of the Contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the Contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

4. **Apprentices and Trainees (Programs of the U.S. DOL) and Helpers:**

a. Apprentices:

(1) Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the DOL, Employment and Training Administration, Bureau of Apprenticeship and Training, or with a State apprenticeship agency recognized by the Bureau, or if a person is employed in his/her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Bureau of Apprenticeship and Training or a State apprenticeship agency (where appropriate) to be eligible for probationary employment as an apprentice.

(2) The allowable ratio of apprentices to journeyman-level employees on the job site in any craft classification shall not be greater than the ratio permitted to the Contractor as to the entire work force under the registered program. Any employee listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate listed in the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman-level wage rate on the wage determination which provides for less than full fringe benefits for apprentices, in which case such trainees shall receive the same fringe benefits as apprentices.

(4) In the event the Employment and Training Administration withdraws approval of a training program, the Contractor or subcontractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Helpers:

Helpers will be permitted to work on a project if the helper classification is specified and defined on the applicable wage determination or is approved pursuant to the conformance procedure set forth in Section IV.2. Any worker listed on a payroll at a helper wage rate, who is not a helper under an approved definition, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed.

5. **Apprentices and Trainees (Programs of the U.S. DOT):**

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

6. **Withholding:**

The SHA shall upon its own action or upon written request of an authorized representative of the DOL withhold, or cause to be withheld, from the Contractor or subcontractor under this Contract or any other Federal Contract with the same Prime Contractor, or any other Federally-assisted Contract subject to Davis-Bacon prevailing wage requirements which is held by the same Prime Contractor, as much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the Contractor or any subcontractor the full amount of wages required by the Contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the Contract, the SHA Contracting officer may, after written notice to the Contractor, take such action as may be necessary to cause the

suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

7. **Overtime Requirements:**

No Contractor or subcontractor contracting for any part of the Contract work which may require or involve the employment of laborers, mechanics, watchmen, or guards (including apprentices, trainees, and helpers described in paragraphs 4 and 5 above) shall require or permit any laborer, mechanic, watchman, or guard in any workweek in which he/she is employed on such work, to work in excess of 40 hours in such workweek unless such laborer, mechanic, watchman, or guard receives compensation at a rate not less than one-and-one-half times his/her basic rate of pay for all hours worked in excess of 40 hours in such workweek.

8. **Violation:**

Liability for Unpaid Wages; Liquidated Damages: In the event of any violation of the clause set forth in paragraph 7 above, the Contractor and any subcontractor responsible thereof shall be liable to the affected employee for his/her unpaid wages. In addition, such Contractor and subcontractor shall be liable to the United States (in the case of work done under Contract for the District of Columbia or a territory, to such District or to such territory) for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer, mechanic, watchman, or guard employed in violation of the clause set forth in paragraph 7, in the sum of $10 for each calendar day on which such employee was required or permitted to work in excess of the standard work week of 40 hours without payment of the overtime wages required by the clause set forth in paragraph 7.

9. **Withholding for Unpaid Wages and Liquidated Damages:**

The SHA shall upon its own action or upon written request of any authorized representative of the DOL withhold, or cause to be withheld, from any monies payable on account of work performed by the Contractor or subcontractor under any such Contract or any other Federal Contract with the same Prime Contractor, or any other Federally-assisted Contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same Prime Contractor, such sums as may be determined to be necessary to satisfy any liabilities of such Contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph 8 above.

V. STATEMENTS AND PAYROLLS

(Applicable to all Federal-aid construction Contracts exceeding $2,000 and to all related subcontracts, except for projects located on roadways classified as local roads or rural collectors, which are exempt.)

1. **Compliance with Copeland Regulations (29 CFR 3):**

The Contractor shall comply with the Copeland Regulations of the Secretary of Labor which are herein incorporated by reference.

2. **Payrolls and Payroll Records:**

a. Payrolls and basic records relating thereto shall be maintained by the Contractor and each subcontractor during the course of the work and preserved for a period of 3 years from the date of completion of the Contract for all laborers, mechanics, apprentices, trainees, watchmen, helpers, and guards working at the site of the work.

b. The payroll records shall contain the name, social security number, and address of each such employee; his or her correct classification; hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalent thereof the types described in Section 1(b)(2)(B) of the Davis Bacon Act); daily and weekly number of hours worked; deductions made; and actual wages paid. In addition, for Appalachian Contracts, the payroll records shall contain a notation indicating whether the employee does, or does not, normally reside in the labor area as defined in Attachment A, paragraph 1. Whenever the Secretary of Labor, pursuant to Section IV, paragraph 3b, has found that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in Section 1(b)(2)(B) of the Davis Bacon Act, the Contractor and each subcontractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, that the plan or program has been communicated in writing to the laborers or mechanics affected, and show the cost anticipated or the actual cost incurred in providing benefits. Contractors or subcontractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprentices and trainees, and ratios and wage rates prescribed in the applicable programs.

c. Each Contractor and subcontractor shall furnish, each week in which any contract work is performed, to the SHA resident engineer a payroll of wages paid each of its employees (including apprentices, trainees, and helpers, described in Section IV, paragraphs 4 and 5, and watchmen and guards engaged on work during the preceding weekly payroll period). The payroll submitted shall set out accurately and completely all of the information required to be maintained under paragraph 2b of this Section V. This information may be submitted in any form desired. Optional Form WH-347 is available for this purpose and may be purchased from the Superintendent of Documents (Federal stock number 029-005-0014-1), U.S. Government Printing Office, Washington, D.C. 20402. The Prime Contractor is responsible for the submission of copies of payrolls by all subcontractors.

d. Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the Contractor or subcontractor or his/her agent who pays or supervises the payment of the persons employed under the Contract and shall certify the following:

(1) that the payroll for the payroll period contains the information required to be maintained under paragraph 2b of this Section V and that such information is correct and complete;

(2) that such laborer or mechanic (including each helper, apprentice, and trainee) employed on the Contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in the Regulations, 29 CFR 3;

(3) that each laborer or mechanic has been paid not less that the applicable wage rate and fringe benefits or cash equivalent for the classification of worked performed, as specified in the applicable wage determination incorporated into the Contract.

e. The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 2d of this Section V.

f. The falsification of any of the above certifications may subject the Contractor to civil or criminal prosecution under 18 U.S.C. 1001 and 31 U.S.C. 231.

g. The Contractor or subcontractor shall make the records required under paragraph 2b of this Section V available for inspection, copying, or transcription by authorized representatives of the SHA, the FHWA, or the DOL, and shall permit such representatives to interview employees during working hours on the job. If the Contractor or subcontractor fails to submit the required records or to make them available, the SHA, the FHWA, the DOL, or all may, after written notice to the Contractor, sponsor, applicant, or owner, take such actions as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

VI. RECORD OF MATERIALS, SUPPLIES, AND LABOR

1. On all Federal-aid Contracts on the National Highway System, except those which provide solely for the installation of protective devices at railroad grade crossings, those which are constructed on a force account or direct labor basis, highway beautification Contracts, and Contracts for which the total final construction cost for roadway and bridge is less than $1,000,000 (23 CFR 635) the Contractor shall:

a. Become familiar with the list of specific materials and supplies contained in Form FHWA-47, "Statement of Materials and Labor Used by Contractor of Highway Construction Involving Federal Funds," prior to the commencement of work under this Contract.

b. Maintain a record of the total cost of all materials and supplies purchased for and incorporated in the work, and also of the quantities of those specific materials and supplies listed on Form FHWA-47, and in the units shown on Form FHWA-47.

c. Furnish, upon the completion of the Contract, to the SHA resident engineer on Form FHWA-47 together with the data required in paragraph 1b relative to materials and supplies, a final labor summary of all contract work indicating the total hours worked and the total amount earned.

2. At the Prime Contractor's option, either a single report covering all Contract work or separate reports for the Contractor and for each subcontract shall be submitted.

VII. SUBLETTING OR ASSIGNING THE CONTRACT

1. The Contractor shall perform with its own organization Contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the Contract) of the total original Contract price, excluding any specialty items designated by the State. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original Contract price before computing the amount of work required to be performed by the Contractor's own organization (23 CFR 635).

a. "Its own organization" shall be construed to include only workers employed and paid directly by the Prime Contractor and equipment owned or rented by the Prime Contractor, with or without operators. Such term does not include employees or equipment of a subcontractor, assignee, or agent of the Prime Contractor.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of Contracting organizations qualified and expected to bid on the Contract as a whole and in general are to be limited to minor components of the overall Contract.

2. The Contract amount upon which the requirements set forth in paragraph 1 of Section VII is computed includes the cost of material and manufactured products which are to be purchased or produced by the Contractor under the Contract provisions.

3. The Contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the Contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the SHA contracting officer determines is necessary to assure the performance of the Contract.

4. No portion of the Contract shall be sublet, assigned or otherwise disposed of except with the written consent of the SHA contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the Contractor of any responsibility for the fulfillment of the Contract. Written consent will be given only after the SHA has assured that each subcontract is evidenced in writing and that it contains all pertinent provisions and requirements of the Prime Contract.

VIII. SAFETY: ACCIDENT PREVENTION

1. In the performance of this Contract the Contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The Contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the SHA contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the Contract.

2. It is a condition of this Contract, and shall be made a condition of each subcontract, which the Contractor enters into pursuant to this Contract, that the Contractor and any subcontractor shall not permit any employee, in performance of the Contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 333).

3. Pursuant to 29 CFR 1926.3, it is a condition of this Contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of Contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 333).

IX. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by Engineers, Contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, the following notice shall be posted on each Federal-aid highway project (23 CFR 635) in 1 or more places where it is readily available to all persons concerned with the project:

NOTICE TO ALL PERSONNEL ENGAGED ON FEDERAL-AID HIGHWAY PROJECTS

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or
Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or
Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;
Shall be fined not more that $10,000 or imprisoned not more than 5 years or both."

X. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

(Applicable to all Federal-aid construction contracts and to all related subcontracts of $100,000 or more.)

By submission of this bid or the execution of this Contract, or subcontract, as appropriate, the bidder, Federal-aid construction Contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any facility that is or will be utilized in the performance of this contract, unless such contract is exempt under the Clean Air Act, as amended (42 U.S.C. 1857 et seq., as amended by Pub.L. 91-604), and under the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et seq., as amended by Pub.L. 92-500), Executive Order 11738, and regulations in implementation thereof (40 CFR 15) is not listed, on the date of Contract award, on the U.S. Environmental Protection Agency (EPA) List of Violating Facilities pursuant to 40 CFR 15.20.

2. That the firm agrees to comply and remain in compliance with all the requirements of Section 114 of the Clean Air Act and Section 308 of the Federal Water Pollution Control Act and all regulations and guidelines listed thereunder.

3. That the firm shall promptly notify the SHA of the receipt of any communication from the Director, Office of Federal Activities, EPA, indicating that a facility that is or will be utilized for the contract is under consideration to be listed on the EPA List of Violating Facilities.

4. That the firm agrees to include or cause to be included the requirements of paragraph 1 through 4 of this Section X in every nonexempt subcontract, and further agrees to take such action as the government may direct as a means of enforcing such requirements.

XI. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

1. **Instructions for Certification - Primary Covered Transactions:**
(Applicable to all Federal-aid contracts - 49 CFR 29)

a. By signing and submitting this proposal, the prospective primary participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this covered transaction. The prospective participant shall submit an explanation of why it cannot provide the

certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective primary participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the department or agency determined to enter into this transaction. If it is later determined that the prospective primary participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause of default.

d. The prospective primary participant shall provide immediate written notice to the department or agency to whom this proposal is submitted if any time the prospective primary participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the department or agency to which this proposal is submitted for assistance in obtaining a copy of those regulations.

f. The prospective primary participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective primary participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the nonprocurement portion of the

"Lists of Parties Excluded From Federal Procurement or Nonprocurement Programs" (Nonprocurement List) which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph f of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

* * * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Primary Covered Transactions

1. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:

a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;

b. Have not within a 3-year period preceding this proposal been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or Contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

c. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph 1b of this certification; and

d. Have not within a 3-year period preceding this application/proposal had 1 or more public transactions (Federal, State or local) terminated for cause or default.

2. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

* * * * *

2. **Instructions for Certification - Lower Tier Covered Transactions:**
(Applicable to all subcontracts, purchase orders and other lower tier transactions of $25,000 or more - 49 CFR 29)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "primary covered transaction," "participant," "person," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations.

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Nonprocurement List.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

* * * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Covered Transactions:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

* * * * *

XII. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

(Applicable to all Federal-aid construction Contracts and to all related subcontracts which exceed $100,000 - 49 CFR 20)

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal Contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal Contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal Contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than $10,000 and not more than $100,000 for each such failure.

1. The prospective participant also agrees by submitting his or her bid or proposal that he or she shall require that the language of this certification be included in all lower tier subcontracts, which exceed $100,000 and that all such recipients shall certify and disclose accordingly.

SECTION 4
SCOPE OF THE WORK

4-1 Intent of Contract.

The intent of the Contract is to provide for the construction and completion in every detail of the work described in the Contract. Furnish all labor, materials, equipment, tools, transportation, and supplies required to complete the work in accordance with the Contract Documents.

4-2 Work not covered by Standard Specifications.

Proposed construction and any contractual requirements not covered by these Standard Specifications may be covered by Contract plan notes or by Supplemental Specifications or Special Provisions for the Contract, and all requirements of such Supplemental Specifications or Special Provisions shall be considered as a part of these Specifications.

4-3 Alteration of Plans or of Character of Work.

4-3.1 General: The Engineer reserves the right to make, at any time prior to or during the progress of the work, such increases or decreases in quantities, whether a significant change or not, and such alterations in the details of construction, whether a substantial change or not, including but not limited to alterations in the grade or alignment of the road or structure or both, as may be found necessary or desirable by the Engineer. Such increases, decreases or alterations shall not constitute a breach of Contract, shall not invalidate the Contract, nor release the Surety from any liability arising out of this Contract or the Surety bond. The Contractor agrees to perform the work, as altered, the same as if it had been a part of the original Contract.

The term "significant change" applies only when:

(A) The Engineer determines that the character of the work as altered differs materially in kind or nature from that involved or included in the original proposed construction, or

(B) A major item of work, as defined in 1-3, is increased in excess of 125% or decreased below 75% of the original Contract quantity. The Department will apply any price adjustment for an increase in quantity only to that portion in excess of 125% of the original Contract item quantity, or in case of a decrease below 75% to the actual amount of work performed, such allowance to be determined in accordance with 4-3.2, below.

In the instance of (A) above, the determination by the Engineer shall be conclusive and shall not subject to challenge by the Contractor in any forum, except upon the Contractor establishing by clear and convincing proof that the determination by the Engineer was without any reasonable and good-faith basis.

4-3.2 Increase, Decrease or Alteration in the Work: The Engineer reserves the right to make alterations in the character of the work which involve a substantial change in the nature of the design or in the type of construction or which materially increases or decreases the cost or time of performance. Such alteration shall not constitute a breach of Contract, shall not invalidate the Contract or release the Surety.

Notwithstanding that the Contractor shall have no formal right whatsoever to any extra compensation or time extension deemed due by the Contractor for any cause unless and until the Contractor follows the procedures set forth in 5-12.2 for preservation, presentation and resolution of the claim, the Contractor may at any time, after having otherwise timely provided a notice of intent to claim or preliminary time extension request

pursuant to 5-12.2 and 8-7.3.2, submit to the Department a request for equitable adjustment of compensation or time or other dispute resolution proposal. The Contractor shall in any request for equitable adjustment of compensation, time, or other dispute resolution proposal certify under oath and in writing, in accordance with the formalities required by Florida law, that the request is made in good faith, that any supportive data provided are accurate and complete to the Contractor's best knowledge and belief, and that the amount of the request accurately reflects what the Contractor in good faith believes to be the Department's responsibility. Such certification must be made by an officer or director of the Contractor with the authority to bind the Contractor. Any such certified statements of entitlement and costs shall be subject to the audit provisions set forth in 5-12.14. While the submittal or review of a duly certified request for equitable adjustment shall neither create, modify, nor activate any legal rights or obligations as to the Contractor or the Department, the Department will review the content of any duly certified request for equitable adjustment or other dispute resolution proposal, with any further action or inaction by the Department thereafter being in its sole discretion. Any request for equitable adjustment that fails to fully comply with the certification requirements will not be reviewed by the Department.

The monetary compensation provided for below constitutes full and complete payment for such additional work and the Contractor shall have no right to any additional monetary compensation for any direct or indirect costs or profit for any such additional work beyond that expressly provided below. The Contractor shall be entitled to a time extension only to the extent that the performance of any portion of the additional work is a controlling work item and the performance of such controlling work item actually extends completion of the project due to no fault of the Contractor. All time related costs for actual performance of such additional work are included in the compensation already provided below and any time extension entitlement hereunder will be without additional monetary compensation. The Contractor shall have no right to any monetary compensation or damages whatsoever for any direct or indirect delay to a controlling work item arising out of or in any way related to the circumstances leading up to or resulting from additional work (but not relating to the actual performance of the additional work, which is paid for as otherwise provided herein), except only as provided for under 5-12.6.2.1.

4-3.2.1 Allowable Costs for Extra Work: The Engineer may direct in writing that extra work be done and, at the Engineer's sole discretion, the Contractor will be paid pursuant to an agreed Supplemental Agreement or in the following manner:

(a) Labor and Burden: The Contractor will receive payment for actual costs of direct labor and burden for the additional or unforeseen work. Labor includes foremen actually engaged in the work; and will not include project supervisory personnel nor necessary on-site clerical staff, except when the additional or unforeseen work is a controlling work item and the performance of such controlling work item actually extends completion of the project due to no fault of the Contractor. Compensation for project supervisory personnel, but in no case higher than a Engineer's position, shall only be for the pro-rata time such supervisory personnel spent on the contract. In no case shall an officer or director of the Company, nor those persons who own more than 1% of the Company, be considered as project supervisory personnel, direct labor or foremen hereunder.

Payment for burden shall be limited solely to the following:

Table 4-3.2.1	
Item	Rate
FICA	Rate established by Law
FUTA/SUTA	Rate established by Law
Medical Insurance	Actual
Holidays, Sick & Vacation benefits	Actual
Retirement benefits	Actual
Workers Compensation	Rates based on the National Council on Compensation Insurance basic rate tables adjusted by Contractor's actual experience modification factor in effect at the time of the additional work or unforeseen work.
Per Diem	Actual but not to exceed State of Florida's rate
Insurance*	Actual
*Compensation for Insurance is limited solely to General Liability Coverage and does not include any other insurance coverage (such as, but not limited to, Umbrella Coverage, Automobile Insurance, etc.).	

At the Pre-construction conference, certify to the Engineer the following:

(1) A listing of on-site clerical staff, supervisory personnel and their pro-rated time assigned to the contract,

(2) Actual Rate for items listed in Table 4-3.2.1,

(3) Existence of employee benefit plan for Holiday, Sick and Vacation benefits and a Retirement Plan, and,

(4) Payment of Per Diem is a company practice for instances when compensation for Per Diem is requested.

Such certification must be made by an officer or director of the Contractor with authority to bind the Contractor. Timely certification is a condition precedent to any right of the Contractor to recover compensations for such costs, and failure to timely submit the certification will constitute a full, complete, absolute and irrevocable waiver by the Contractor of any right to recover such costs. Any subsequent changes shall be certified to the Engineer as part of the cost proposal or seven calendar days in advance of performing such extra work.

(b) Materials and Supplies: For materials accepted by the Engineer and used on the project, the Contractor will receive the actual cost of such materials incorporated into the work, including Contractor paid transportation charges (exclusive of equipment as hereinafter set forth). For supplies reasonably needed for performing the work, the Contractor will receive the actual cost of such supplies.

(c) Equipment: For any machinery or special equipment (other than small tools), including fuel and lubricant, the Contractor will receive 100% of the "Rental Rate Blue Book" for the actual time that such equipment is in operation on the work, and 50% of the "Rental Rate Blue Book" for the time the equipment is directed to standby and remain on the project site, to be calculated as indicated below. The equipment rates will be based on the latest edition (as of the date the work to be performed begins) of the "Rental Rate Blue Book for Construction Equipment" or the "Rental Rate Blue Book for Older

Construction Equipment," whichever is applicable, as published by Machinery Information Division of PRIMEDIA Information, Inc. (version current at the time of bid), using all instructions and adjustments contained therein and as modified below. On all projects, the Engineer will adjust the rates using regional adjustments and Rate Adjustment Tables according to the instructions in the Blue Book.

Allowable Equipment Rates will be established as set out below:

(1) Allowable Hourly Equipment Rate = Monthly Rate/176 x Adjustment Factors x 100%.

(2) Allowable Hourly Operating Cost = Hourly Operating Cost x 100%.

(3) Allowable Rate Per Hour = Allowable Hourly Equipment Rate + Allowable Hourly Operating Cost.

(4) Standby Rate = Allowable Hourly Equipment Rate x 50%.

The Monthly Rate is The Basic Machine Rate Plus Any Attachments. Standby rates will apply when equipment is not in operation and is directed by the Engineer to standby at the project site when needed again to complete work and the cost of moving the equipment will exceed the accumulated standby cost. Standby rates will not apply on any day the equipment operates for eight or more hours. Standby payment will be limited to only that number of hours which, when added to the operating time for that day equals eight hours. Standby payment will not be made on days that are not normally considered work days on the project.

The Department will allow for the cost of transporting the equipment to and from the location at which it will be used. If the equipment requires assembly or disassembly for transport, the Department will pay for the time to perform this work at the rate for standby equipment.

Equipment may include vehicles utilized only by Labor, as defined above.

(d) Indirect Costs, Expenses, and Profit: Compensation for all indirect costs, expenses, and profit of the Contractor, including but not limited to overhead of any kind, whether jobsite, field office, division office, regional office, home office, or otherwise, is expressly limited to the greater of either (1) or (2) below:

(1) Solely a mark-up of 17.5% on the payments in (a) through (c), above.

(i) Bond: The Contractor will receive compensation for any premium for acquiring a bond for such additional or unforeseen work; provided, however, that such payment for additional bond will only be paid upon presentment to the Department of clear and convincing proof that the Contractor has actually provided and paid for separate bond premiums for such additional or unforeseen work in such amount.

(ii) The Contractor will be allowed a markup of 10% on the first $50,000 and a markup of 5% on any amount over $50,000 on any subcontract directly related to the additional or unforeseen work. Any such subcontractor mark-up will be allowed only by the prime Contractor and a first tier subcontractor, and the Contractor must elect the markup for any eligible first tier subcontractor to do so.

(2) Solely the formula set forth below and only as applied solely as to such number of calendar days of entitlement that are in excess of ten cumulative calendar days as defined below.

$$D = \frac{A \times C}{B}$$

Where A = Original Contract Amount
B = Original Contract Time
C = 8%
D = Average Overhead Per Day

Cumulative Calendar Days is defined as the cumulative total number of calendar days granted for time extension due to delay of a controlling work item caused solely by the Department is, or the cumulative total number of calendar days for which entitlement to a time extension due to delay of a controlling work item caused solely by the Department is otherwise ultimately determined in favor of the Contractor to be.

Further, in the event there are concurrent delays to one or more controlling work items, one or more being caused by the Department and one or more being caused by the Contractor, the Contractor shall be entitled to a time extension for each day that a controlling work item is delayed by the Department but shall have no right to nor receive any monetary compensation for any indirect costs for any days of concurrent delay. No compensation, whatsoever, will be paid to the Contractor for any jobsite overhead and other indirect impacts when the total number of calendar days granted for time extension due to delay of a controlling work item caused solely by the Department is, or the total number of calendar days for which entitlement to a time extension due to delay of a controlling work item caused solely by the Department is otherwise ultimately determined in favor of the Contractor to be, equal to or less than ten calendar days and the Contractor also fully assumes all monetary risk of any and all partial or single calendar day delay periods, due to delay of a controlling work item caused solely by the Department, that when cumulatively totaled together are equal to or less than ten calendar days and regardless of whether monetary compensation is otherwise provided for hereunder for one or more calendar days of time extension entitlement for each calendar day exceeding ten calendar days. All calculations under this provision shall exclude weather days, and days granted for performing additional work.

4-3.2.2 Subcontracted Work: For work performed by a subcontractor, compensation for the additional or unforeseen work shall be solely limited to as provided for in 4-3.2.1 (a), (b), (c) and (d)(1), with the exception of, in the instance of subcontractor performed work only, the subcontractor may receive compensation for any premium for acquiring a bond for the additional or unforeseen work; provided, however, that such payment for additional subcontractor bond will only be paid upon presentment to the Department of clear and convincing proof that the subcontractor has actually provided and paid for separate bond premiums for such additional or unforeseen work in such amount.

The Contractor shall require the subcontractor to provide a certification, in accordance with 4-3.2.1(a), as part of the cost proposal and provide such to the Engineer. Such certification must be made by an officer or director of the subcontractor with authority to bind the subcontractor. Timely certification is a condition precedent to any right of the Contractor to recover compensation for such subcontractor costs, and failure to timely

submit the certification will constitute a full, complete, absolute and irrevocable waiver by the Contractor of any right to recover such subcontractor costs.

4-3.3 No Waiver of Contract: Changes made by the Engineer will not be considered to waive any of the provisions of the Contract, nor may the Contractor make any claim for loss of anticipated profits because of the changes, or by reason of any variation between the approximate quantities and the quantities of work actually performed. All work shall be performed as directed by the Engineer and in accordance with the Contract Documents.

4-3.4 Conditions Requiring a Supplemental Agreement or Unilateral Payment: A Supplemental Agreement or Unilateral Payment will be used to clarify the plans and specifications of the Contract; to document quantity overruns that exceed 5% of the original Contract amount; to provide for unforeseen work, grade changes, or alterations in plans which could not reasonably have been contemplated or foreseen in the original plans and specifications; to change the limits of construction to meet field conditions; to provide a safe and functional connection to an existing pavement; to settle documented Contract claims; to make the project functionally operational in accordance with the intent of the original Contract and subsequent amendments thereto.

A Supplemental Agreement or Unilateral Payment may be used to expand the physical limits of the project only to the extent necessary to make the project functionally operational in accordance with the intent of the original Contract. The cost of any such agreement extending the physical limits of the project shall not exceed $100,000 or 10% of the original Contract price, whichever is greater.

Perform no work to be covered by a Supplemental Agreement or Unilateral Payment before written authorization is received from the Engineer. The Engineer's written authorization will set forth sufficient work information to allow the work to begin. The work activities, terms and conditions will be reduced to written Supplemental Agreement or Unilateral Payment form promptly thereafter. No payment will be made on a Supplemental Agreement or Unilateral Payment prior to the Department's approval of the document.

4-3.5 Extra Work: Extra work authorized in writing by the Engineer will be paid in accordance with the formula in 4-3.2. Such payment will be the full extent of all monetary compensation entitlement due to the Contractor for such extra work. Any entitlement to a time extension due to extra work will be limited solely to that provided for in 4-3.2 for additional work.

4-3.6 Connections to Existing Pavement, Drives and Walks: Generally adhere to the limits of construction at the beginning and end of the project as detailed in the plans. However, if the Engineer determines that it is necessary to extend the construction in order to make suitable connections to existing pavement, the Engineer will authorize such a change in writing. For necessary connections to existing walks and drives that are not indicated on the plans, the Engineer will provide direction regarding the proper connections in accordance with the Design Standards.

4-3.7 Differing Site Conditions: During the progress of the work, if subsurface or latent physical conditions are encountered at the site differing materially from those indicated in the Contract, or if unknown physical conditions of an unusual nature differing materially from those ordinarily encountered and generally recognized as inherent in the work provided for in the Contract are encountered at the site, the party discovering such conditions shall promptly notify the other party in writing of the specific differing conditions before the Contractor disturbs the conditions or performs the affected work.

Upon receipt of written notification of differing site conditions from the Contractor, the Engineer will investigate the conditions, and if it is determined that the conditions materially differ and cause an increase or decrease in the cost or time required for the performance of any work under the Contract, an adjustment will be made, excluding loss of anticipated profits, and the Contract will be modified in writing accordingly. The Engineer will notify the Contractor whether or not an adjustment of the Contract is warranted.

The Engineer will not allow a Contract adjustment for a differing site condition unless the Contractor has provided the required written notice. The Engineer will not allow a Contract adjustment under this clause for any effects caused to any other Department or non-Department projects on which the Contractor may be working.

4-3.8 Changes Affecting Utilities: The Contractor shall be responsible for identifying and assessing any potential impacts to a utility that may be caused by the changes proposed by the Contractor, and the Contractor shall at the time of making the request for a change notify the Department in writing of any such potential impacts to utilities.

Department approval of a Contractor proposed change does not relieve the Contractor of sole responsibility for all utility impacts, costs, delays or damages, whether direct or indirect, resulting from Contractor initiated changes in the design or construction activities from those in the original Contract Specifications, design plans (including traffic control plans) or other Contract Documents and which effect a change in utility work different from that shown in the utility plans, joint project agreements or utility relocation schedules.

4-3.9 Value Engineering Incentive:

4-3.9.1 Intent and Objective:

(1) This Subarticle applies to any cost reduction proposal (hereinafter referred to as a Value Engineering Change Proposal or VECP) that the Contractor initiates and develops for the purpose of refining the Contract to increase cost effectiveness or significantly improve the quality of the end result. This Subarticle does not, however, apply to any such proposal unless the Contractor identifies it at the time of its submission to the Department as a proposal submitted pursuant to this Subarticle.

(2) The Department will consider VECPs that would result in net savings to the Department by providing either:

a. a decrease in the cost of performance of the Contract; or

b. a reduction in cost of ownership (hereinafter referred to as collateral costs) of the work provided by this Contract, regardless of acquisition costs. VECPs must result in savings without impairing essential functions and characteristics such as safety, service, life, reliability, economy of operation, ease of maintenance, aesthetics and necessary standard design features. However, nothing herein prohibits the Contractor from submitting VECPs when the required functions and characteristics can be combined, reduced or eliminated because they are nonessential or excessive. The Department will not recognize the Contractor's correction of plan errors that result in a cost reduction, as a VECP.

(3) The Department reserves the right to reject at its discretion any VECP submitted that proposes a change in the design of the pavement system or that would require additional right-of-way. The Department will not allow the substitution of another design alternate, on which the Contractor could have bid, that is detailed in the plans for the one on which the Contractor has bid, under this Subarticle. Pending the Department's

execution of a formal supplemental agreement implementing an approved VECP, the Contractor shall remain obligated to perform the work in accordance with the terms of the existing Contract. The Department will not grant any time extensions to allow for the time required to review a VECP.

4-3.9.2 Subcontractors: The Department encourages the Contractor to include the provisions of this Subarticle in Contracts with subcontractors and to encourage submission of VECPs from subcontractors. However, it is not mandatory to submit VECPs to the Department or to accept or transmit subcontractor proposed VECPs to the Department.

4-3.9.3 Data Requirements: As a minimum, submit the following information with each VECP:

(1) a description of the difference between the existing Contract requirement and the proposed change, and the comparative advantages and disadvantages.

(2) separate detailed cost estimates for both the existing Contract requirement and the proposed change. Break down the cost estimates by pay item numbers indicating quantity increases or decreases and deleted pay items. Identify additional proposed work not covered by pay items within the Contract, by using pay item numbers on the Master Pay Item list. In preparing the estimates, include overhead, profit, and bond within pay items in the Contract. Separate pay item(s) for the cost of overhead, profit, and bond will not be allowed.

(3) an itemization of the changes, deletions or additions to plan details, plan sheets, design standards and Specifications that are required to implement the VECP if the Department adopts it. Provide preliminary plan drawings sufficient to describe the proposed changes.

(4) an estimate of the effects the VECP would have on collateral costs to the Department.

(6) Engineering or other analysis in sufficient detail to identify and describe specific features of the Contract that must be changed if the Department accepts the VECP with a proposal as to how these changes can be accomplished and an assessment of their effect on other project elements. The Department may require that engineering analyses be performed by a prequalified consultant in the applicable class of work. Support all design changes that result from the VECP with prints of drawings and computations signed and sealed by the Contractor's Engineer of Record. Written documentation or drawings will be provided clearly delineating the responsibility of the Contractor's Engineer of Record.

(6) the date by which the Department must approve the VECP to obtain the total estimated cost reduction during the remainder of the Contract, noting any effect on the Contract completion time or delivery schedule.

(7) a revised project schedule that would be followed upon approval of the VECP. This schedule would include submittal dates and review time for the Department and Peer reviews.

4-3.9.4 Processing Procedures: Submit two copies of each VECP to the Engineer or his duly authorized representative. The Department will process VECPs expeditiously; however, the Department is not liable for any delay in acting upon a VECP submitted pursuant to this Subarticle. The Contractor may withdraw, in whole or in part, a VECP not accepted by the Department within the period specified in the VECP. The Department is not liable for any VECP development cost in the case where the Department rejects or the Contractor withdraws a VECP. The Engineer is the sole judge of the acceptability of a VECP and of the estimated net savings in construction and collateral costs from the adoption of all or any part of such proposal. In determining the estimated net savings, the

Department reserves the right to disregard the Contract bid prices if, in the judgment of the Engineer, such prices do not represent a fair measure of the value of work to be performed or to be deleted.

Prior to approval, the Engineer may modify a VECP, with the concurrence of the Contractor, to make it acceptable. If any modification increases or decreases the net savings resulting from the VECP, the Department will determine the Contractor's fair share upon the basis of the VECP as modified and upon the final quantities. The Department will compute the net savings by subtracting the revised total cost of all bid items affected by the VECP from the total cost of the same bid items as represented in the original Contract.

Prior to approval of the VECP that initiates the supplemental agreement, provide acceptable Contract-quality plan sheets revised to show all details consistent with the VECP design.

4-3.9.5 Computations for Change in Contract Cost of Performance: The Department will not pay for the Contractor's VECP development and implementation costs. If the VECP is adopted, the Contractor's share of the net savings as defined hereinafter represents full compensation to the Contractor for the VECP.

The Department will not include its costs to process and implement a VECP in the estimate. However, the Department reserves the right, where it deems such action appropriate, to require the Contractor to pay the Department's cost of investigating and implementing a VECP as a condition of considering such proposal. When the Department imposes such a condition, the Contractor shall accept this condition in writing, authorizing the Department to deduct amounts payable to the Department from any monies due or that may become due to the Contractor under the Contract.

4-3.9.6 Computations for Collateral Costs: To determine any collateral cost savings, prepare separate estimates for collateral costs of both the existing Contract requirement and the proposed change. Provide estimates that consist of an itemized breakdown of all costs and the basis for the data used in the estimate. Cost benefits to the Department include, but are not limited to, reduced costs of operation, maintenance or repair, and extended useful service life. Increased collateral costs include the converse of such factors.

Compute collateral costs as follows:

(1) Calculate costs over a 20-year period on a uniform basis for each estimate.

(2) If the difference in the estimates as approved by the Department indicates a savings, divide the resultant amount by 20 to arrive at the average annual net collateral savings. The Department will share the average annual net collateral savings as stipulated in 4-3.9.8.

4-3.9.7 Conditions of Acceptance for Major Design Modifications of Category 2 Bridges: A VECP that proposes major design modifications of a category 2 bridge, as determined by the Engineer, shall have the following conditions of acceptance:

All bridge plans shall be reviewed by a single independent engineering firm (the independent Engineer) not involved in the VECP design, pre-qualified in accordance with Chapter 14-75, to assure that the design is in compliance with all Department requirements. The independent Engineer's comments, along with the resolution of each comment, shall be submitted to the Department. The independent Engineer shall sign and seal a cover letter stating that all of the independent Engineer's comments have been adequately addressed and the design is in compliance with the Department requirements. If there are any unresolved comments the independent Engineer shall specifically list all

unresolved issues in the signed and sealed cover letter. Peer review will be funded by the Contractor.

Contractor shall designate a primary engineer responsible for the VECP design and as such will be designated as the Contractors Engineer of Record for the VECP design. The Department reserves the right to require the Contractor's Engineer of Record to assume responsibility for the entire structure.

The Contractor shall have all permanent engineering work affected by the VECP, peer reviewed by an independent engineer other than the engineer initially performing the work. Engineering work includes but is not limited to: requests for acceptance for noncompliant work, repair procedures, shop drawing review, or design and review of activities affecting public safety. If the Specialty Engineer and Contractor's Engineer of Record are separate entities, either party may initiate the action; the other shall check and certify the work as being complete and correct prior to submittal to the Engineer. If the Specialty Engineer and Contractor's Engineer of Record are the same entity, the Specialty Engineer/Contractor's Engineer of Record will initiate the action of the independent firm contracted to prepare these requests and the Specialty Engineer/Contractor's Engineer of Record will check and certify the work of the independent firm as being complete and correct prior to submittal to the Engineer.

New designs shall be in compliance with all applicable Department, FHWA and AASHTO criteria requirements including bridge load ratings.

4-3.9.8 Sharing Arrangements: If the Department approves a VECP, the Contractor may be entitled to share in both construction savings and collateral savings to the full extent provided for in this Subarticle. The Contractor shall receive up to 50% of the net reduction in the cost of performance of the Contract due to an approved VECP, except for innovative ideas. Upon review and approval of the VECP, the savings shall be based on a final negotiated agreement between the Contractor and the Department. The final negotiated agreement shall include a minimum guaranteed savings, which shall be the Department's share of the savings.

For sharing purposes, the Department will not consider an idea as innovative if the idea is identical or similar to a previously submitted VECP or an idea previously used by the Department. For innovative ideas, as determined by the Engineer, the Contractor and the Department shall share the reduction in the cost of performance as follows:

Accrued Net Savings	Contractor's Share %	Department's Share %
Less than $25,000	100	0
$25,000 to $50,000	75	25
Over $50,000	50	50

When collateral savings occur, the Department will provide the Contractor with 20% of the average annual net collateral savings.

4-3.9.9 Notice of Intellectual Property Interests and Department's Future Rights to a VECP:

4-3.9.9.1 Notice of Intellectual Property Interests: The Contractor's VECP submittal shall identify with specificity any and all forms of intellectual property rights that either the Contractor or any officer, shareholder, employee, consultant, or affiliate, of the Contractor, or any other entity who contributed in any measure to the substance of the Contractor's VECP development, have or may have that are in whole or in part implicated in the VECP. Such required intellectual property rights notice includes, but is not limited to,

disclosure of any: issued patents, copyrights, or licenses; pending patent, copyright or license applications; and any intellectual property rights that though not yet issued, applied for or intended to be pursued, could nevertheless otherwise be subsequently the subject of patent, copyright or license protection by the Contractor or others in the future. This notice requirement does not extend to intellectual property rights as to stand-alone or integral components of the VECP that are already on the Department's QPL or design standard indexes, or are otherwise generally known in the industry as being subject to patent or copyright protection.

4-3.9.9.2 Department's Future Rights to a VECP: Notwithstanding 7-3 nor any other provision of the Standard Specifications, upon acceptance of a VECP, the Contractor hereby grants to the Department and its contractors (such grant being expressly limited solely to any and all existing or future Department construction projects and any other Department projects that are partially or wholly funded by or for the Department) a royalty-free and perpetual license under all forms of intellectual property rights to manufacture, to use, to design, to construct, to disclose, to reproduce, to prepare and fully utilize derivative works, to distribute, display and publish, in whole or in part, and to permit others to do any of the above, and to otherwise in any manner and for any purpose whatsoever do anything reasonably necessary to fully utilize any and all aspects of such VECP on any and all existing and future construction projects and any other Department projects.

Contractor shall hold harmless, indemnify and defend the Department and its contractors and others in privity therewith from and against any and all claims, liabilities, other obligations or losses, and reasonable expenses related thereto (including reasonable attorneys' fees), which are incurred or are suffered by any breach of the foregoing grants, and regardless of whether such intellectual property rights were or were not disclosed by the Contractor pursuant to 4-3.9.9.1, unless the Department has by express written exception in the VECP acceptance process specifically released the Contractor from such obligation to hold harmless, indemnify and defend as to one or more disclosed intellectual property rights.

5-12 Claims by Contractor.

5-12.1 General: When the Contractor deems that extra compensation or a time extension is due beyond that agreed to by the Engineer, whether due to delay, additional work, altered work, differing site conditions, breach of Contract, or for any other cause, the Contractor shall follow the procedures set forth herein for preservation, presentation and resolution of the claim.

5-12.2 Notice of Claim:

5-12.2.1 Claims For Extra Work: Where the Contractor deems that additional compensation or a time extension is due for work or materials not expressly provided for in the Contract or which is by written directive expressly ordered by the Engineer pursuant to 4-3, the Contractor shall notify the Engineer in writing of the intention to make a claim for additional compensation before beginning the work on which the claim is based, and if seeking a time extension, the Contractor shall also submit a preliminary request for time extension pursuant to 8-7.3.2 within ten calendar days after commencement of a delay. If such notification is not given and the Engineer is not afforded the opportunity for keeping strict account of actual labor, material, equipment, and time, the Contractor waives the claim for additional compensation or a time extension. Such notice by the Contractor, and the fact that the Engineer has kept account of the labor, materials and equipment, and time, shall not in any way be construed as establishing the validity of the claim or method for computing any compensation or time extension for such claim. On projects with an original Contract amount of $3,000,000 or less within 90 calendar days after final acceptance of the project in accordance with 5-11, and on projects with an original Contract amount greater than $3,000,000 within 180 calendar days after final acceptance of the project in accordance with 5-11, the Contractor shall submit full and complete claim documentation as described in 5-12.3. However, for any claim or part of a claim that pertains solely to final estimate quantities disputes the Contractor shall submit full and complete claim documentation as described in 5-12.3, as to such final estimate claim dispute issues, within 90 or 180 calendar days, respectively, of the Contractor's receipt of the Department's final estimate.

Submission of timely notice of intent to file a claim, preliminary time extension request, time extension request, and the claim, together with full and complete claim documentation, are each a condition precedent to the Contractor bringing any circuit court, arbitration, or other formal claims resolution proceeding against the Department for the items and for the sums or time set forth in the Contractor's written claim, and the failure to provide such notice of intent, preliminary time extension request, time extension request, claim and full and complete claim documentation within the time required shall constitute a full, complete, absolute and irrevocable waiver by the Contractor of any right to additional compensation or a time extension for such claim.

5-12.2.2 Claims For Delay: Where the Contractor deems that additional compensation or a time extension is due on account of delay, differing site conditions, breach of Contract, or any other cause other than for work or materials not expressly provided for in the Contract (Extra Work) or which is by written directive of the Engineer expressly ordered by the Engineer pursuant to 4-3, the Contractor shall submit a written notice of intent to the Engineer within ten days after commencement of a delay to a controlling work item expressly notifying the Engineer that the Contractor intends to seek additional compensation, and if seeking a time extension, the Contractor shall also submit a preliminary request for time extension pursuant to 8-7.3.2 within ten calendar days after commencement of a delay to a controlling work item, as to such delay and providing a

reasonably complete description as to the cause and nature of the delay and the possible impacts to the Contractor's work by such delay. The timely providing of a written notice of intent or preliminary time extension request to the Engineer are each a condition precedent to any right on behalf of the Contractor to request additional compensation or an extension of Contract Time for that delay, and the failure of the Contractor to provide such written notice of intent or preliminary time extension request within the time required shall constitute a full, complete, absolute and irrevocable waiver by the Contractor of any right to additional compensation or a time extension for that delay. On projects with an original Contract amount of $3,000,000 or less within 90 calendar days after final acceptance of the project in accordance with 5-11, and on projects with an original Contract amount greater than $3,000,000 within 180 calendar days after final acceptance of the project in accordance with 5-11, the Contractor shall submit full and complete documentation as described in 5-12.3. There shall be no Contractor entitlement to any monetary compensation or time extension for any delays or delay impacts, whatsoever, that are not to a controlling work item, and then as to any such delay to a controlling work item entitlement to any monetary compensation or time extension shall only be to the extent such is otherwise provided for expressly under 4-3 or 5-12, except that in the instance of delay to a non-controlling item of work the Contractor may be compensated for the direct costs of idle labor or equipment only, at the rates set forth in 4-3.2.1(c), and then only to the extent the Contractor could not reasonably mitigate such idleness.

5-12.3 Content of Written Claim: As a condition precedent to the Contractor being entitled to additional compensation or a time extension under the Contract, for any claim, the Contractor shall submit a written claim to the Department which will include for each individual claim, at a minimum, the following information:

(a) A detailed factual statement of the claim providing all necessary dates, locations, and items of work affected and included in each claim;

(b) The date or dates on which actions resulting in the claim occurred or conditions resulting in the claim became evident;

(c) Identification of all pertinent documents and the substance of any material oral communications relating to such claim and the name of the persons making such material oral communications;

(d) Identification of the provisions of the Contract which support the claim and a statement of the reasons why such provisions support the claim, or alternatively, the provisions of the Contract which allegedly have been breached and the actions constituting such breach;

(e) A detailed compilation of the amount of additional compensation sought and a breakdown of the amount sought as follows:

(1) documented additional job site labor expenses;

(2) documented additional cost of materials and supplies;

(3) a list of additional equipment costs claimed, including each piece of equipment and the rental rate claimed for each;

(4) any other additional direct costs or damages and the documents in support thereof;

(5) any additional indirect costs or damages and all documentation in support thereof.

(f) A detailed compilation of the specific dates and the exact number of calendar days sought for a time extension, the basis for entitlement to time for each day, all documentation of the delay, and a breakout of the number of days claimed for each

identified event, circumstance or occurrence.

Further, the Contractor shall be prohibited from amending either the bases of entitlement or the amount of any compensation or time stated for any and all issues claimed in the Contractor's written claim submitted hereunder, and any circuit court, arbitration, or other formal claims resolution proceeding shall be limited solely to the bases of entitlement and the amount of any compensation or time stated for any and all issues claimed in the Contractor's written claim submitted hereunder. This shall not, however, preclude a Contractor from withdrawing or reducing any of the bases of entitlement and the amount of any compensation or time stated for any and all issues claimed in the Contractor's written claim submitted hereunder at any time.

5-12.4 Action on Claim: The Engineer will respond on projects with an original Contract amount of $3,000,000 or less within 90 calendar days of receipt of a complete claim submitted by a Contractor in compliance with 5-12.3, and on projects with an original Contract amount greater than $3,000,000 within 120 calendar days of receipt of a complete claim submitted by a Contractor in compliance with 5-12.3. Failure by the Engineer to respond to a claim within 90 or 120 days, respectively, after receipt of a complete claim in compliance with 5-12.3 constitutes a denial of the claim by the Engineer. If the Engineer finds the claim or any part thereof to be valid, such partial or whole claim will be allowed and paid for to the extent deemed valid and any time extension granted, if applicable, as provided in the Contract. No circuit court or arbitration proceedings on any claim, or a part thereof, may be filed until after final acceptance per 5-11 of all Contract work by the Department or denial hereunder, whichever occurs last.

5-12.5 Pre-Settlement and Pre-Judgment Interest: Entitlement to any pre-settlement or pre-judgment interest on any claim amount determined to be valid subsequent to the Department's receipt of a certified written claim in full compliance with 5-12.3, whether determined by a settlement or a final ruling in formal proceedings, the Department shall pay to the Contractor simple interest calculated at the Prime Rate (as reported by the Wall Street Journal as the base rate on corporate loans posted by at least 75% of the nations 30 largest banks) as of the 60th calendar day following the Department's receipt of a certified written claim in full compliance with 5-12.3, such interest to accrue beginning 60 calendar days following the Department's receipt of a certified written claim in full compliance with 5-12.3 and ending on the date of final settlement or formal ruling.

5-12.6 Compensation for Extra Work or Delay:

5-12.6.1 Compensation for Extra Work: Notwithstanding anything to the contrary contained in the Contract Documents, the Contractor shall not be entitled to any compensation beyond that provided for in 4-3.2.

5-12.6.2 Compensation for Delay: Notwithstanding anything to the contrary contained in the Contract Documents, the additional compensation set forth in 5-12.6.2.1 shall be the Contractor's sole monetary remedy for any delay other than to perform extra work caused by the Department unless the delay shall have been caused by acts constituting willful or intentional interference by the Department with the Contractor's performance of the work and then only where such acts continue after Contractor's written notice to the Department of such interference. The parties anticipate that delays may be caused by or arise from any number of events during the term of the Contract, including, but not limited to, work performed, work deleted, change orders, supplemental agreements, disruptions, differing site conditions, utility conflicts, design changes or defects, time extensions, extra work, right-of-way issues, permitting issues, actions of suppliers, subcontractors or other contractors, actions by third parties,

suspensions of work by the Engineer pursuant to 8-6.1, shop drawing approval process delays, expansion of the physical limits of the project to make it functional, weather, weekends, holidays, special events, suspension of Contract time, or other events, forces or factors sometimes experienced in construction work. Such delays or events and their potential impacts on the performance by the Contractor are specifically contemplated and acknowledged by the parties in entering into this Contract, and shall not be deemed to constitute willful or intentional interference with the Contractor's performance of the work without clear and convincing proof that they were the result of a deliberate act, without reasonable and good-faith basis, and specifically intended to disrupt the Contractor's performance.

5-12.6.2.1 Compensation for Direct Costs, Indirect Costs, Expenses, and Profit thereon, of or from Delay: For any delay claim, the Contractor shall only be entitled to monetary compensation for the actual idle labor and equipment, and indirect costs, expenses, and profit thereon, as provided for in 4-3.2(d) and solely for costs incurred beyond what reasonable mitigation thereof the Contractor could have undertaken.

5-12.7 Mandatory Claim Records: After giving the Engineer notice of intent to file a claim for extra work or delay, the Contractor must keep daily records of all labor, material and equipment costs incurred for operations affected by the extra work or delay. These daily records must identify each operation affected by the extra work or delay and the specific locations where work is affected by the extra work or delay, as nearly as possible. The Engineer may also keep records of all labor, material and equipment used on the operations affected by the extra work or delay. The Contractor shall, once a notice of intent to claim has been timely filed, and not less than weekly thereafter as long as appropriate, provide the Engineer a copy of the Contractor's daily records and be likewise entitled to receive a copy of the Department's daily records. The copies of daily records to be provided hereunder shall be provided at no cost to the recipient.

5-12.8 Claims For Acceleration: The Department shall have no liability for any constructive acceleration of the work, nor shall the Contractor have any right to make any claim for constructive acceleration nor include the same as an element of any claim the Contractor may otherwise submit under this Contract. If the Engineer gives express written direction for the Contractor to accelerate its efforts, such written direction will set forth the prices and other pertinent information and will be reduced to a written Contract Document promptly. No payment will be made on a Supplemental Agreement for acceleration prior to the Department's approval of the documents.

5-12.9 Certificate of Claim: When submitting any claim, the Contractor shall certify under oath and in writing, in accordance with the formalities required by Florida law, that the claim is made in good faith, that the supportive data are accurate and complete to the Contractor's best knowledge and belief, and that the amount of the claim accurately reflects what the Contractor in good faith believes to be the Department's liability. Such certification must be made by an officer or director of the Contractor with the authority to bind the Contractor.

5-12.10 Non-Recoverable Items: The parties agree that for any claim the Department will not have liability for the following items of damages or expense:

a. Loss of profit, incentives or bonuses;

b. Any claim for other than extra work or delay;

c. Consequential damages, including, but not limited to, loss of bonding capacity, loss of bidding opportunities, loss of credit standing, cost of financing, interest

paid, loss of other work or insolvency;

d. Acceleration costs and expenses, except where the Department has expressly and specifically directed the Contractor in writing "to accelerate at the Department's expense"; nor

e. Attorney fees, claims preparation expenses and costs of litigation.

5-12.11 Exclusive Remedies: Notwithstanding any other provision of this Contract, the parties agree that the Department shall have no liability to the Contractor for expenses, costs, or items of damages other than those which are specifically identified as payable under 5-12. In the event any legal action for additional compensation, whether on account of delay, acceleration, breach of contract, or otherwise, the Contractor agrees that the Department's liability will be limited to those items which are specifically identified as payable in 5-12.

5-12.12 Settlement Discussions: The content of any discussions or meetings held between the Department and the Contractor to settle or resolve any claims submitted by the Contractor against the Department shall be inadmissible in any legal, equitable, arbitration or administrative proceedings brought by the Contractor against the Department for payment of such claim. Dispute Resolution Board, State Arbitration Board and Claim Review Committee proceedings are not settlement discussions, for purposes of this provision.

5-12.13 Personal Liability of Public Officials: In carrying out any of the provisions of the Contract or in exercising any power or authority granted to the Secretary of Transportation, Engineer or any of their respective employees or agents, there shall be no liability on behalf of any employee, officer or official of the Department for which such individual is responsible, either personally or as officials or representatives of the Department. It is understood that in all such matters such individuals act solely as agents and representatives of the Department.

5-12.14 Auditing of Claims: All claims filed against the Department shall be subject to audit at any time following the filing of the claim, whether or not such claim is part of a suit pending in the Courts of this State. The audit may be performed, at the Department's sole discretion, by employees of the Department or by any independent auditor appointed by the Department, or both. The audit may begin after ten days written notice to the Contractor, subcontractor, or supplier. The Contractor, subcontractor, or supplier shall make a good faith effort to cooperate with the auditors. As a condition precedent to recovery on any claim, the Contractor, subcontractor, or supplier must retain sufficient records, and provide full and reasonable access to such records, to allow the Department's auditors to verify the claim and failure to retain sufficient records of the claim or failure to provide full and reasonable access to such records shall constitute a waiver of that portion of such claim that cannot be verified and shall bar recovery thereunder. Further, and in addition to such audit access, upon the Contractor submitting a written claim, the Department shall have the right to request and receive, and the Contractor shall have the affirmative obligation to provide to the Department, copies of any and all documents in the possession of the Contractor or its subcontractors, materialmen or suppliers as may be deemed relevant by the Department in its review of the basis, validity or value of the Contractor's claim.

Without limiting the generality of the foregoing, the Contractor shall upon written request of the Department make available to the Department's auditors, or upon the Department's written request for copies provide copies at the Department's expense, any or all of the following documents:

1. Daily time sheets and foreman's daily reports and diaries;
2. Insurance, welfare and benefits records;
3. Payroll register;
4. Earnings records;
5. Payroll tax return;
6. Material invoices, purchase orders, and all material and supply acquisition contracts;
7. Material cost distribution worksheet;
8. Equipment records (list of company owned, rented or other equipment used);
9. Vendor rental agreements and subcontractor invoices;
10. Subcontractor payment certificates;
11. Canceled checks for the project, including, payroll and vendors;
12. Job cost report;
13. Job payroll ledger;
14. General ledger, general journal, (if used) and all subsidiary ledgers and journals together with all supporting documentation pertinent to entries made in these ledgers and journals;
15. Cash disbursements journal;
16. Financial statements for all years reflecting the operations on this project;
17. Income tax returns for all years reflecting the operations on this project;
18. All documents which reflect the Contractor's actual profit and overhead during the years this Contract was being performed and for each of the five years prior to the commencement of this Contract;
19. All documents related to the preparation of the Contractor's bid including the final calculations on which the bid was based;
20. All documents which relate to each and every claim together with all documents which support the amount of damages as to each claim;
21. Worksheets used to prepare the claim establishing the cost components for items of the claim including, but not limited to, labor, benefits and insurance, materials, equipment, subcontractors, and all documents that establish which time periods and individuals were involved, and the hours and rates for such individuals.

6-12 Products and Source of Supply.

6-12.1 Source of Supply – Convict Labor (Federal-Aid Contracts Only): Do not use materials that were produced after July 1, 1991, by convict labor for Federal-aid highway construction projects unless the prison facility has been producing convict-made materials for Federal-aid highway construction projects before July 1, 1987.

Use materials that were produced prior to July 2, 1991, by convicts on Federal-aid highway construction projects free from the restrictions placed on the use of these materials by 23 U.S.C. 114. The Department will limit the use of materials produced by convict labor for use in Federal-aid highway construction projects to:

1 materials produced by convicts on parole, supervised release, or probation from a prison or,

2 materials produced in a qualified prison facility.

The amount of such materials produced for Federal-aid highway construction during any 12-month period shall not exceed the amount produced in such facility for use in such construction during the 12-month period ending July 1, 1987.

6-12.2 Source of Supply-Steel (Federal-Aid Contracts Only): For Federal-aid Contracts, only use steel and iron produced in the United States, in accordance with the Buy America provisions of 23 CFR 635.410, as amended. Ensure that all manufacturing processes for this material occur in the United States. As used in this specification, a manufacturing process is any process that modifies the chemical content, physical shape or size, or final finish of a product, beginning with the initial melding and mixing and continuing through the bending and coating stages. A manufactured steel or iron product is complete only when all grinding, drilling, welding, finishing and coating have been completed. If a domestic product is taken outside the United States for any process, it becomes foreign source material. When using steel and iron as a component of any manufactured product incorporated into the project (e.g., concrete pipe, prestressed beams, corrugated steel pipe, etc.), these same provisions apply, except that the manufacturer may use minimal quantities of foreign steel and iron when the cost of such foreign materials does not exceed 0.1% of the total Contract amount or $2,500, whichever is greater. These requirements are applicable to all steel and iron materials incorporated into the finished work, but are not applicable to steel and iron items that the Contractor uses but does not incorporate into the finished work. Provide a certification from the producer of steel or iron, or any product containing steel or iron as a component, stating that all steel or iron furnished or incorporated into the furnished product was manufactured in the United States in accordance with the requirements of this specification and the Buy America provisions of 23 CFR 635.410, as amended. Such certification shall also include (1) a statement that the product was produced entirely within the United States, or (2) a statement that the product was produced within the United States except for minimal quantities of foreign steel and iron valued at $ (actual value). Furnish each such certification to the Engineer prior to incorporating the material into the project. When FHWA allows the use of foreign steel on a project, furnish invoices to document the cost of such material, and obtain the Engineer's written approval prior to incorporating the material into the project.

WAGE RATES FOR FEDERAL-AID PROJECTS.
(REV 1-3-03) (FA 5-16-03) (7-08)

ARTICLE 7-16 (Page 76) is expanded by the following:

For this Contract, payment of predetermined minimum wages applies.

The U.S. Department of Labor Wage Rates applicable to this Contract are listed in Wage Rate Decision Number(s) ____FL20080319_____, as modified up through ten days prior to the opening of bids.

Obtain the applicable General Decision(s) (Wage Tables) through the Department's website and ensure that employees receive the minimum wages applicable. Review the General Decisions for all classifications necessary to complete the project. Request additional classifications through the Engineer's office when needed.

When multiple wage tables are assigned to a Contract, general guidance of their use and examples of construction applicability is available on the Department's website. Contact the Department's Wage Rate Coordinator before bidding if there are still questions concerning the applicability of multiple wage tables. The URL for obtaining the Wage Rate Decisions is www.dot.state.fl.us/construction/wage.htm .

Contact the Department's Wage Rate Coordinator at (850) 414-4492 if the Department's website cannot be accessed or there are questions.

Davis Bacon Lake County

GENERAL DECISION: FL20080319 10/09/2009 FL319

Date: October 9, 2009
General Decision Number: FL20080319 10/09/2009

State: Florida

Construction Type: Highway

County: Lake County in Florida.

HIGHWAY CONSTRUCTION PROJECTS

Modification Number	Publication Date
0	10/09/2009

ELEC0756-005 09/01/2009

	Rates	Fringes
ELECTRICIAN	$ 22.15	7.42

SUFL2009-216 08/05/2009

	Rates	Fringes
CARPENTER, Excluding Form Work	$ 12.47	1.00
CEMENT MASON/CONCRETE FINISHER	$ 12.14	0.00
FORM WORKER	$ 14.63	0.00
HIGHWAY/PARKING LOT STRIPING: Operator (Striping Machine)	$ 11.97	2.23
HIGHWAY/PARKING LOT STRIPING: Painter	$ 13.31	0.00
IRONWORKER, REINFORCING	$ 14.50	1.37
IRONWORKER, STRUCTURAL	$ 16.75	3.88
LABORER: Asphalt Raker	$ 10.81	0.00
LABORER: Asphalt Shoveler	$ 10.70	0.00
LABORER: Common or General	$ 8.21	0.00
LABORER: Flagger	$ 8.58	0.00
LABORER: Grade Checker	$ 10.50	0.55
LABORER: Landscape and Irrigation	$ 9.77	0.00
LABORER: Luteman	$ 10.32	0.00

LABORER: Mason Tender - Cement/Concrete	$ 12.00	1.80
LABORER: Pipelayer	$ 11.13	0.00
LABORER: Power Tool Operator (Hand Held Drills/Saws, Jackhammer and Power Saws	$ 11.23	1.96
OPERATOR: Asphalt Paver	$ 11.98	0.00
OPERATOR: Asphalt Plant	$ 12.20	0.00
OPERATOR: Asphalt Spreader	$ 11.38	0.00
OPERATOR: Auger	$ 19.40	0.44
OPERATOR: Backhoe Loader Combo	$ 15.33	0.97
OPERATOR: Backhoe/Excavator	$ 14.58	2.57
OPERATOR: Boom	$ 16.51	0.00
OPERATOR: Bulldozer	$ 14.65	2.95
OPERATOR: Crane	$ 17.25	1.42
OPERATOR: Distributor	$ 11.50	0.00
OPERATOR: Drill	$ 13.00	1.59
OPERATOR: Grader/Blade	$ 11.63	0.00
OPERATOR: Loader	$ 13.11	2.40
OPERATOR: Mechanic	$ 16.31	3.76
OPERATOR: Milling Machine	$ 12.10	0.00
OPERATOR: Oiler	$ 12.64	0.95
OPERATOR: Paver	$ 12.14	0.77
OPERATOR: Piledriver	$ 19.00	5.77
OPERATOR: Roller	$ 10.76	0.00
OPERATOR: Scraper	$ 11.16	1.12
OPERATOR: Screed	$ 11.17	0.00
OPERATOR: Tractor	$ 11.08	1.61
OPERATOR: Trencher	$ 13.41	0.49
PAINTER: Spray and Steel	$ 16.62	0.00

TRUCK DRIVER: 10 Yard Haul
Away Truck.....$ 12.50 0.00

TRUCK DRIVER: 3 Axle Truck.....$ 9.10 0.00

TRUCK DRIVER: 4 Axle Truck.....$ 11.14 0.00

TRUCK DRIVER: Distributor.....$ 12.89 1.85

TRUCK DRIVER: Dump Truck.....$ 10.00 0.00

TRUCK DRIVER: Lowboy Truck.....$ 11.31 0.00

TRUCK DRIVER: Material Truck....$ 12.76 9.80

TRUCK DRIVER: Single Axle
Truck.....$ 10.25 0.00

TRUCK DRIVER: Tractor Haul
Truck.....$ 10.64 0.00

TRUCK DRIVER: Water Truck.....$ 10.50 0.00

TRUCK DRIVER.....$ 9.75 1.52

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(ii)).

In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

* an existing published wage determination
* a survey underlying a wage determination
* a Wage and Hour Division letter setting forth a position on a wage determination matter
* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests

for summaries
of surveys, should be with the Wage and Hour Regional Office for the area in
which the survey was conducted because those Regional Offices have
responsibility for the Davis-Bacon survey program. If the response from this
initial contact is not satisfactory, then the process described in 2.) and
3.) should be followed.

With regard to any other matter not yet ripe for the formal process
described here, initial contact should be with the Branch of Construction
Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party
(those affected by the action) can request review and reconsideration from
the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7).
Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested
party's position and by any information (wage payment data, project
description, area practice material, etc.) that the requestor considers
relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested
party may appeal directly to the Administrative Review Board (formerly the
Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

END OF GENERAL DECISION

LOCAL AGENCY PROGRAM/FEDERAL-AID CERTIFICATION

The Bidder hereby declares that the undersigned is the person or persons responsible within the firm for the final decision as to the price (s) and amount of this bid and the Bidder further declares that:

1. The price(s) and amount of this bid have been arrived at independently, without consultation, communication, or agreement for the purpose of restricting competition with any other contractor, bidder or potential bidder.

2. Neither the price(s) nor the amount of this bid have been disclosed to any other firm or person who is a bidder or potential bidder on this project, and will not be so disclosed prior to the bid opening.

3. No attempt has been made or will be made to solicit, cause, or induce any firm or person to refrain from bidding on this project, or to submit a bid higher than the bid of this firm, or any intentionally high or non-competitive bid or other form of complementary bid.

4. The bid is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any other firm or person to submit a complementary bid.

5. The Bidder has not offered or entered into a subcontract or agreement regarding the purchase of materials or services from any other firm or person, or offered, promised, or paid cash or anything of value to any other Bidder or person, whether in connection with this or any other project, in consideration for an agreement or promise by any other firm or person to refrain from bidding or to submit a complementary bid on this project.

6. The Bidder has not accepted or been promised any subcontract or agreement regarding the sale of materials or services to any other firm or person, and has not been promised or paid cash or anything of value by any other firm or person, whether in connection with this or any other project, in consideration for the firm's submitting a complementary bid, or agreeing to do so, on this project.

7. The Bidder has made a diligent inquiry of all members, officers, employees, and agents of the Bidder with responsibilities relating to the preparation, approval or submission of the firm's bid on this project and have been advised by each of them that her or she has not participated in any communication, consultation, discussion, agreement, collusion, act or other conduct inconsistent with any of the statements and representations made in this Declaration.

8. As required by Section 337.165, Florida Statutes, the Bidder has fully informed the CITY in writing of all conviction of the firm, its affiliates (as defined in Section 337.165(1)(a), Florida Statutes), and all directors, officers and employees of the firm and its affiliates for violation of state or federal antitrust laws with respect to a public contract or for violation of any state or federal law involving fraud, bribery, collusion, conspiracy, or material misrepresentation with respect to a public contract. This includes disclosure of the names of current employees of the firm or affiliates who were convicted of contract crimes while in the employ of another company.

9. The Bidder certifies that, except as noted below, neither the firm nor any person associated therewith in the capacity of owner, partner, director, officer, principal, investigator, project director, manager, auditor, and/or position involving the administration of federal funds.

    a. Is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions, as defined in 49CFR s29.110(a), by any federal department or agency;

    b. has within a three-year period preceding this certification been convicted of or had a civil judgment rendered against it for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a federal, state, or local government transaction or public contract; violation of federal or state antitrust statutes; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

    c. is presently indicted for or otherwise criminally or civilly charged by a federal, state, or local governmental entity with commission of any of the offenses enumerated in paragraph 9(b) of this certification; and

    d. has within a three-year period preceding this certification had one or more federal, state, or local government public transactions terminated for cause or default.

10. The Bidder certifies that it shall not knowingly enter into any transaction with any subcontractor, material supplier, or vendor who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this project by any federal agency unless authorized by the CITY.

11. The firm certifies that the bidder is not a nonresident alien, or a foreign corporation/entity formed under the laws of a country other than the United States.

12. The Bidder certifies that no Federally appropriated funds have been paid, or will be paid by or on behalf of the undersigned, to any person for influencing or attempting to influence any officer or employee of any Federal agency, a Member of Congress an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment or modification of any Federal contract, grant, loan or cooperative agreement.

    If any funds other than Federally appropriated funds have been paid by the Agency to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer of employee of Congress, or an employee of a Member of Congress in connection with this agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

Where the Bidder is unable to declare or certify as to any of the statements contained in the above stated paragraphs numbered (1) through (12), the Bidder has provided an explanation by attached separate sheet.

_____
Company Name

_____
Authorized Signature

_____
Printed Name

_____
Date

DBE Utilization

The Department began its DBE race neutral program January 1, 2000. **Contract specific goals are not placed on Federal/State contracts**; however, the Department has an overall 8.1% DBE goal it must achieve. In order to assist contractors in determining their DBE commitment level, the Department has reviewed the estimates for this letting.

As you prepare your bid, please monitor potential or anticipated DBE utilization for contracts. When the low bidder executes the contract with the Department, information will be requested of the contractor's anticipated DBE participation for the project. While the utilization is not mandatory in order to be awarded the project, continuing utilization of DBE firms on contracts supports the success of Florida's Voluntary DBE Program, and supports contractors' Equal Employment Opportunity and DBE Affirmative Action Programs.

NOTE: Any project listed as 0% DBE availability does not mean that a DBE may not be used on that project. A 0% DBE availability may have been established due to any of the following reasons: limited identified subcontracting opportunities, minimal contract days, and/or small contract dollar amount. Contractors are encouraged to identify any opportunities to subcontract to DBEs.

If you have any questions regarding this information, please contact the Equal Opportunity Office at (850) 414-4747.

DBE Reporting

If you are the prime contractor on a project, complete the attached Anticipated DBE Participation Statement and submit the information at the pre-construction or pre-work conference for all federal and state funded projects. This **will not** become a mandatory part of the contract. It will assist the Department in tracking and reporting planned or estimated DBE utilization. During the contract, the prime contractor is required to report actual payments to **all** subcontractors through the web-based Equal Opportunity Reporting System (EORS), BizWeb.

All DBE payments must be reported whether or not you initially planned to utilize the company. In order for our race neutral DBE Program to be successful, your cooperation is imperative. If you have any questions concerning the completion or submission of this information, contact the FDOT EOO at (850) 414-4747.

Bid Opportunity List

The Federal DBE Program requires States to maintain a database of all firms that are participating or attempting to participate on FDOT-assisted contracts. The list must include all firms that bid on prime contracts or bid or quote subcontracts on FDOT-assisted projects, including **both DBEs and non-DBEs**.

A form is included to record bidders' information for **ALL** subcontractors or sub-consultants who quoted to you for specific projects for this letting.

If a contractor quoted to you for more than one project you only need list that contractor once. If you have submitted a bidder's list to the Department previously, you need only list

new companies who have quoted to you or requested to be on specific projects. If you do not know the answers to numbers 2, 3, 4, or 5 you may leave them blank and the Department will complete them. This information should be returned with your bid package or proposal package or submitted to the Equal Opportunity Office within three days of your submission. It can be mailed or faxed.

Please reply to: **Florida Department of Transportation**
Equal Opportunity Office
605 Suwannee Street, MS 65
Tallahassee, FL 32399-0450
(850) 414-4747
(850) 414-4879

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION 275-030-11

ANTICIPATED DBE PARTICIPATION STATEMENT EQUAL OPPORTUNITY OFFICE

1. FINANCIAL PROJECT NO.	2. FAP NO.	3. CONTRACT NO.	4. COUNTY(IES)	5. DISTRICT

6. PRIME CONTRACTOR NAME	7. FEID NUMBER
8. CONTRACT DOLLAR AMOUNT	9. REVISION? ____ IF YES, REVISION NUMBER: ____

10. IS THE PRIME CONTRACTOR A FLORIDA CERTIFIED "DBE"? (DISADVANTAGED BUSINESS ENTERPRISE)	☐ NO ☐ YES	11. IS THE WORK OF THIS CONTRACT CONSTRUCTION ☐ OR MAINTENANCE ☐?

12. ANTICIPATED DBE SUBCONTRACTS:

	DBE SUBCONTRACTOR or SUPPLIER	TYPE OF WORK/SPECIALTY	DOLLAR AMOUNT	PERCENT OF CONTRACT DOLLARS
A				
B				
C				
D				
E				
F			11A TOTAL DOLLARS TO DBE'S	11B TOTAL PERCENT OF CONTRACT
			$0.00	0.00%

13. SUBMITTED BY	12.DATE	13. TITLE OF SUBMITTER

14. EMAIL ADDRESS OF SUBMITTER	15. FAX NUMBER	16. PHONE NUMBER

NOTE: THIS INFORMATION IS USED TO TRACK AND REPORT ANTICIPATED DBE PARTICIPATION IN ALL STATE AND FEDERALLY FUNDED FDOT CONTRACTS. THE ANTICIPATED DBE AMOUNT IS VOLUNTARY AND WILL NOT BECOME A PART OF THE CONTRACTUAL TERMS. THIS FORM MUST BE SUBMITTED AT THE PRE CONSTRUCTION OR PRE WORK CONFERENCE. FDOT STAFF FORWARDS THE FORM TO THE EQUAL OPPORTUNITY OFFICE.

THE FOLLOWING SECTIONS ARE FOR FDOT USE

	17.PROCESSED BY	18. DATE TO EO OFFICE	19. LETTING DATE	20. EXECUTED DATE	21. PRECON CONF DATE
DIST					
	22.SUBMITTED TO EO BY	☐ FAX ☐ EMAIL ☐ SHARED FOLDER			
EO OFC	23.INCLUDED IN DBE PARTICIPATION REPORT OF (M/D/Y)				

Equal Opportunity Reporting System Information

To comply with changes in the Disadvantaged Business Enterprise (DBE) Program, the Department is collecting both actual payments made to subcontractors and sub-consultants, and DBE commitment amounts. Actual payments will be collected through the web-based Equal Opportunity Reporting System (EORS) and commitments will be collected through the Anticipated DBE Participation Statements.

It is extremely important that you continue to submit the Anticipated DBE Participation Statement at the pre-construction conference for all federal and state funded projects. This primary information is used by the State and Federal Government to evaluate our performance in the DBE Program.

In addition, for federal and state funded projects, you must also report actual payments in the Equal Opportunity Reporting System. Revisions were made to the specifications beginning with the October 2000 letting that states in section 9-6.7:

The Contractor is required to report monthly, through the Department's Equal Opportunity Reporting System on the Internet at www.dot.state.fl.us, actual payments, retainage, minority status, and the work type of all subcontractors and suppliers.

Since the specifications were revised, we have made some additional modifications to ease the burden on the contractor. We will pursue making the permanent modifications to the specifications. In the interim, each month you must report actual payments to all DBE subcontractors, sub-consultants and suppliers. Payments to all non-DBE subcontractors and sub-consultants will need to be reported either monthly or at the end of the project. Payments to non-DBE suppliers need not be reported at all. This information can be submitted in hard copy form, if necessary.

Instructions for accessing the EORS are included. If you have any questions, please contact the Equal Opportunity Office at (850) 414-4747.

INSTRUCTIONS FOR ACCESSING THE EQUAL OPPORTUNITY REPORTING SYSTEM

Purpose

The Florida Department of Transportation, Equal Opportunity Office has been charged with requirements of reporting Disadvantaged Business Enterprise Information to the U.S. Department of Transportation, Federal Highway Administration (FHWA) according to the new 49 Code of Federal Regulations Part 26. The Equal Opportunity Reporting system was developed as a solution to collect this information.

Objective

The Equal Opportunity Reporting system will collect information of actual payments and retainage paid to the Prime Consultant/Contractor by the Department of Transportation and the Prime Consultant/Contractor's actual payments and retainage paid to their subs and suppliers, by the type of work they performed. The reporting of this information will

be performed by the Prime on a monthly basis for an invoice or estimate number per contract.

To establish access to the new Equal Opportunity Reporting System (BizWeb), contact Business Innovations Plus toll-free at 1-877-249-8725.
The site location is http://www.bipincwebapps.com/bizwebflorida/

INSTRUCTIONS FOR COMPLETING DBE/AA PLAN

NOTE: THE DBE/AA PLAN MUST BE APPROVED BY THE EQUAL OPPORTUNITY OFFICE AND COMPLETED IN ACCORDANCE WITH CHAPTER 14-78, FLORIDA ADMINISTRATIVE CODE

DBE/AA PLANS

DBE/AA Plans must be submitted by the prime contractor, be submitted on company letterhead (first page only), signed by a company official, dated and contain all elements of an effective DBE/AA Plan (sample enclosed).

Plans that do not meet these mandatory requirements may not be approved. Approvals are for a (3) three year period and should be updated at anytime there is a change in the company's DBE Liaison Officer and/or President.

DBE/AA Plans must be received with the contractors bid or received by the Equal Opportunity Office prior to the award of the contract.

MAIL PLANS TO:

Florida Department of
Transportation Equal Opportunity Office
605 Suwannee Street, MS 65
Tallahassee, Florida 32399-0450

Questions concerning the DBE/AA Plan may be directed to the Contract Compliance Section by calling (850) 414-4747.

DBE AFFIRMATIVE ACTION PLAN

POLICY STATEMENT

It is the policy of _____
that disadvantaged businesses, as defined by 49 CFR **Part 26, Subpart D** and implemented under Rule Chapter 14-78, F.A.C., shall have the **opportunity** to participate as subcontractors and suppliers on all contracts awarded by the Florida Department of Transportation.

The requirements of Rule Chapter 14-78, F.A.C., shall apply to all contracts entered into between the Florida Department of Transportation and
_____.
Subcontractors and/or suppliers to
_____ will
also be bound by the requirements of Rule Chapter 14-78 F.A.C.

_____,
and it's subcontractors shall take all necessary and reasonable steps in accordance with Chapter 14-78, F.A.C., to ensure that disadvantaged businesses have the **opportunity** to compete and perform work contracted with the Florida Department of Transportation.

_____,
and its subcontractors shall not discriminate on the basis of race, color, religion, national origin, disability, sex, or age in the administration of contracts with the Department of Transportation.

_____,
has designated and appointed a Liaison Officer to develop, maintain, and monitor the DBE Affirmative Action Plan implementation. The Liaison Officer will be responsible for disseminating this policy statement throughout _____
and to disadvantaged controlled businesses. The statement is posted on notice boards of the Company.

X_____
;President

X_____

I. DESIGNATION OF LIAISON OFFICER

_____will aggressively recruit disadvantaged businesses as subcontractors and suppliers for all contracts with the Florida Department of Transportation. The Company has appointed a Liaison Officer to develop and maintain this Affirmative Action Plan in accordance with the requirements of Rule Chapter 14-78, F.A.C.

The Liaison Officer will have primary responsibility for developing, maintaining, and monitoring the Company's utilization of disadvantaged subcontractors in addition to the following specific duties:

(1) The Liaison Officer shall aggressively solicit bids from disadvantaged business subcontractors for all Florida Department of Transportation contracts;

(2) The Liaison Officer will submit all records, reports, and documents required by the Florida Department of Transportation, and shall maintain such records for a period of not less than three years, or as directed by any specific contractual requirements of the Florida Department of Transportation.

The following individual has been designated Liaison Officer with responsibility for implementing the Company's affirmative action program in accordance with the requirements of the Florida Department Transportation.

(Liaison Officer's Name)
(Your Company's Name)
(Your Company's Address)
(Phone Number for Liaison Officer)
(Enter FEIN or Tax Id Number)

II. AFFIRMATIVE ACTION METHODS

In order to formulate a realistic Affirmative Action Plan, _____ has identified the following known barriers to participation by disadvantaged subcontractors, before describing its proposed affirmative action methods:

1. Lack of qualified disadvantaged subcontractors in our specific geographical areas of work;

2. Lack of certified disadvantaged subcontractors who seek to perform Florida Department of Transportation work;

3. Lack of interest in performing on Florida Department of Transportation contracts;

4. Lack of response when requested to bid;

5. Limited knowledge of Florida Department of Transportation plans and specifications to prepare a responsible bid.

In view of the barriers to disadvantaged businesses stated above, it shall be the policy of _____ to provide opportunity by utilizing the following affirmative action methods to ensure participation on the contracts with the Florida Department of Transportation. _____ will:

1. Provide written notice to all certified DBE subcontractors in the geographical area where the work is to be subcontracted by the Company;

2. Advertise in minority focused media concerning subcontract opportunities with the Company;

3. Select portions of work to be performed by DBEs in order to increase the likelihood of meeting contract goals (including, where appropriate, breaking down contracts into economically feasible units to facilitate DBE participation);

4. Provide adequate information about the plans, specifications, and requirements of the contract, not rejecting subcontractors without sound reasons based on a thorough investigation of their capabilities;

5. Waive requirements of performance bonds where it is practical to do so;

6. Attend pre-bid meetings held by the Florida Department of Transportation to apprise disadvantaged subcontractors of opportunities with the Company;

7. Follow up on initial solicitations of interest to DBE subcontractors to determine with certainty whether the DBE company is interested in the subcontract opportunity.

_____ understands that this list of affirmative action methods is not exhaustive and will include additional approaches after having established familiarity with the disadvantaged subcontracting community and/or determined the stated approaches to be ineffective.

III. IMPLEMENTATION

On contracts with specific DBE goals,_____ will make every effort to meet contract goals as stated by utilizing its affirmative action methods. On projects with no specific goals, the Company will, as an expression of good faith, seek to utilize DBE subcontractors where work is to be subcontracted.

IV. REPORTING

_____ shall keep and maintain such records as are necessary to determine the Company's compliance with its DBE Affirmative Action Plan.

The Company will design its record keeping system to indicate:

1. The number of DBE subcontractors and suppliers used by the Company, identifying the items of work, materials and services provided;

2. The efforts and progress being made in obtaining DBE subcontractors through local and community sources;

3. Documentation of all contracts, to include correspondence, telephone calls, newspaper advertisements, etc., to obtain DBE participation on all Florida Department of Transportation projects;

4. **The Company shall comply with Florida Department of Transportation's requirements regarding payments to subcontractors including DBEs for each month (estimate period) in which the companies have worked.**

V. DBE DIRECTORY

_____ will utilize the DBE Directory published by the Florida Department of Transportation.

The Company will distribute Form Number 275-030-01, Schedule A Certification Form Number 1, to potential DBE contractors and assist in their completion.

CONSTRUCTION CONTRACTORS

BID OPPORTUNITY LIST

Please complete and mail or fax to:

Equal Opportunity Office 605 Suwannee St., MS 65

Tallahassee, FL 32399-0450

TELEPHONE: (850) 414-4747

FAX: (850) 414-4879

This information may also be included in your bid or proposal package.

Prime Contractor/Consultant: _____

Address/Telephone Number: _____

Bid/Proposal Number: _____

Quote Submitted MM/YR: _____

49 CFR Part 26.11 requires the Florida Department of Transportation to develop and maintain a "bid opportunity list." The list is intended to be a listing of all firms that are participating, or attempting to participate, on DOT-assisted contracts. The list must include all firms that bid on prime contracts, or bid or quote subcontracts and materials supplies on DOT-assisted projects, including both DBEs and non-DBEs. For consulting companies this list must include all subconsultants contacting you and expressing an interest in teaming with you on a specific DOT assisted project. Prime contractors and consultants must provide information for Nos.1, 2, 3 and 4 and should provide any information they have available on Numbers 5, 6, 7, and 8 for themselves, and their subcontractors and subconsultants.

1. Federal Tax ID Number: _____
2. Firm Name: _____
3. Phone: _____
4. Address: _____
_____
_____
_____
5. Year Firm Established: _____

6. ☐ DBE
☐ Non-DBE

7. ☐ Subcontractor
☐ Subconsultant

8. Annual Gross Receipts
☐ Less than $1 million
☐ Between $1 - $5 million
☐ Between $5 - $10 million
☐ Between $10 - $15 million
☐ More than $15 million

---

5. Federal Tax ID Number: _____
6. Firm Name: _____
7. Phone: _____
8. Address: _____
_____
_____
_____
5. Year Firm Established: _____

6. ☐ DBE
☐ Non-DBE

7. ☐ Subcontractor
☐ Subconsultant

8. Annual Gross Receipts
☐ Less than $1 million
☐ Between $1 - $5 million
☐ Between $5 - $10 million
☐ Between $10 - $15 million
☐ More than $15 million

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9. Federal Tax ID Number: _____
10. Firm Name: _____
11. Phone: _____
12. Address: _____
_____
_____
_____
5. Year Firm Established: _____

6. ☐ DBE
☐ Non-DBE

7. ☐ Subcontractor
☐ Subconsultant

8. Annual Gross Receipts
☐ Less than $1 million
☐ Between $1 - $5 million
☐ Between $5 - $10 million
☐ Between $10 - $15 million
☐ More than $15 million

DISADVANTAGED BUSINESS ENTERPRISE PROGRAM.
(REV 2-6-08) (FA 4-18-08) (1-09)

SECTION 7 (Pages 60-78) is expanded by the following:

7-24 Disadvantaged Business Enterprise Program.

7-24.1 General: Prior to award of the Contract, have an approved Disadvantaged Business Enterprise (DBE) Affirmative Action Program Plan filed with the Equal Opportunity Office. Update and resubmit the plan every three years. No Contract will be awarded until the Department approves the Plan. The DBE Affirmative Action Program Plan and commitment to carry out the Plan must be incorporated into and become a part of the awarded Contract.

7-24.2 Required Contract and Subcontract DBE Assurance Language: Per 49 CFR 26.13 (b) each Contract FDOT signs with a Contractor (and each subcontract the prime contractor signs with a subcontractor) must include the following assurance: "The Contractor, sub-recipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The Contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted Contracts. Failure by the Contractor to carry out these requirements is a material breach of this Contract, which may result in the termination of this Contract or such other remedy as the recipient deems appropriate."

7-24.3 Plan Requirements: Include the following in the DBE Affirmative Action Program Plan:

(a) A policy statement, expressing a commitment to use DBEs in all aspects of contracting to the maximum extent feasible. The policy making body must issue a policy statement signed by the chairperson, which expresses its commitment to utilize DBEs, outlines the various levels of responsibility, and states the objectives of the program. Circulate the policy statement throughout the Contractor's organization.

(b) The designation of a Liaison Officer within the Contractor's organization, as well as support staff, necessary and proper to administer the program, and a description of the authority, responsibility, and duties of the Liaison Officer and support staff. The Liaison Officer and staff are responsible for developing, managing, and implementing the program on a day-today basis for carrying out technical assistance activities for DBEs and for disseminating information on available business opportunities so that DBEs are provided an equitable opportunity to participate in Contracts let by the Department.

Use techniques to facilitate DBE participation in contracting activities which include, but are not limited to:

1. Soliciting price quotations and arranging a time for the review of plans, quantities, specifications, and delivery schedules, and for the preparation and presentation of quotations.

2. Providing assistance to DBEs in overcoming barriers such as the inability to obtain bonding, financing, or technical assistance.

3. Carrying out information and communication programs or workshops on contracting procedures and specific contracting opportunities in a timely manner, with such programs being bilingual where appropriate.

4. Encouraging eligible DBEs to apply for certification with the Department.

5. Contacting Minority Contractor Associations and city and county agencies with programs for disadvantaged individuals for assistance in recruiting and encouraging eligible DBE contractors to apply for certification with the Department.

7-24.4 DBE Records and Reports: Submit the Anticipated DBE Participation Statement at or before the Pre-Construction Conference. Report monthly, through the Equal Opportunity Reporting System on the Department's Website, actual payments, retainage, of all DBE and Minority Business Enterprise (MBE) subcontractors and DBE and MBE construction material and major suppliers. The Equal Opportunity Office will provide instructions on accessing this system. Develop a record keeping system to monitor DBE affirmative action efforts which include the following:

(a) the procedures adopted to comply with these Specifications;

(b) the number of subordinated Contracts on Department projects awarded to DBEs;

(c) the dollar value of the Contracts awarded to DBEs;

(d) the percentage of the dollar value of all subordinated Contracts awarded to DBEs as a percentage of the total Contract amount;

(e) a description of the general categories of Contracts awarded to DBEs; and

(f) the specific efforts employed to identify and award Contracts to DBEs.

Upon request, provide the records to the Department for review.

All such records are required to be maintained for a period of five years following acceptance of final payment and have them available for inspection by the Department and the Federal Highway Administration.

AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA)

SP0070111ES

LAWS TO BE OBSERVED.
(REV 3-31-09) (3-09)

ARTICLE 7-1 (Pages 60 and 61) is expanded by the following:

7-1.1.1 Compliance with American Recovery and Reinvestment Act of 2009:
This project is subject to the criteria and conditions of the American Recovery and Reinvestment Act (ARRA) of 2009. Satisfy the federal reporting requirements for the project(s), such as the monthly employment report, for both the contractor and subcontractors. Provide the required information on form(s) provided by the Department in the timeframe indicated in the instructions. Include these reporting requirements in all subcontracts.

7-1.1.1.1 Authority of the Comptroller General:

Section 902 of the ARRA of 2009 provides the U.S. Comptroller
General and his representatives the authority:

(1) to examine any records of the Contractor or any of its subcontractors, or any State or Local agency administering such contract, that directly pertain to, and involve transactions relating to, the contract or subcontract; and

(2) to interview any officer or employee of the Contractor or any of its subcontractors, or of any State or Local government agency administering the Contract, regarding such transactions.

Accordingly, the Comptroller General and his representatives shall have the authority and rights as provided under Section 902 of the ARRA with respect to this Contract, which is funded with funds made available under the ARRA. Section 902 further states that nothing in this Section shall be interpreted to limit or restrict in any way any existing authority of the Comptroller General.

7-1.1.1.2 Authority of the Inspector General:

Section 1515(a) of the ARRA provides authority for any representatives of the Inspector General to examine any records or interview any employee or officers working on this Contract. The Contractor is advised that representatives of the Inspector General have the authority to examine any record and interview any employee or officer of the Contractor, its subcontractors or other firms working on this Contract. Section 1515(b) further provides that nothing in this Section shall be interpreted to limit or restrict in any way any existing authority of an Inspector General.

SP0090503ES

PARTIAL PAYMENTS-WITHHOLDING PAYMENT.
(REV 2-11-09) (3-09)

SUBARTICLE 9-5.3 (Page 99) is expanded by the following:

9-5.3.3 Withholding Payment for Failure to Comply with American Recovery and Reinvestment Act of 2009: The Department will withhold progress payments from the Contractor for failure to comply with the requirements of 7-1.1.1.

SP0090801ES

ACCEPTANCE AND FINAL PAYMENT - ACCEPTANCE AND FINAL PAYMENT DOCUMENTS.
(REV 3-3-09) (3-09)

SUBARTICLE 9-8.1 (of the Supplemental Specifications) is expanded by the following:

(h) The Contractor has met the requirements of 7-1.1.1.

DIVISION J

SPECIFICATIONS

LAKE COUNTY ASPHALT RESURFACING SPECIFICATIONS

	Page No.
Specifications	J-2 through J-27

LAKE COUNTY ASPHALT RESURFACING SPECIFICATIONS

GENERAL SPECIFICATIONS

GENERAL SCOPE

The purpose of this project is to provide resurfacing and related work on roads within the County. The areas to be resurfaced shall be field marked with pink marking paint. The contractor shall overlay the areas located within and to the outside edge of the marked areas. The subsequent sections of this specification describe appropriate information for this work.

It shall be the responsibility of the Contractor to make a videotape of all current conditions, i.e. driveways, road intersections, vegetation, etc., before any work starts. Special attention should be addressed to any deficient conditions present at the time of the videotaping. The video shall have the date and time recorded on the video. A copy of this video shall be supplied to the Engineer before the commencement of any work.

The Contractor shall provide capable, suitable, and qualified personnel to perform the work as required by the specifications. The Contractor shall be fully responsible for the performance of their organization and completion of all work under this Contract. The Contractor shall, at all times maintain good discipline and order at the work site. The Contractor shall maintain a dress code for their employees with a minimum of shirt, safety vest, trousers, and shoes, all in decent condition at all times while the work is being performed.

The Contractor shall furnish all labor, equipment, fuel, materials, and any other items needed to perform all operations necessary to complete this work in strict accordance with these specifications, applicable drawings, and the terms and conditions of the contract.

The Contractor shall be responsible for repairing any pot holes that may appear within the project limits after Notice to Proceed has been issued even if the Contractor has not started the work on the road.

PROJECT DESCRIPTION

The following is a brief description of the proposed milling and resurfacing project on Lake Griffin Road. This is not an all inclusive list of the work needed to be completed as part of this bid and the bidder shall insure that they have read and become familiar with all the specifications within this bid before providing a lump sum cost to complete the work.

- Mill one (1) inch of the existing asphalt from the areas marked in white paint within the project area.
- Maintain a safe and smooth transition of the milled areas to the non-milled areas.
- Install one (1) inch minimum of SP 9.5 asphaltic concrete over the entire project site.

- Maintain temporary work zone traffic striping throughout the duration of the project.
- Install portable message boards at each end of the project.
- Insure that all shoulder areas are even with the edge of pavement and reshape any that do not meet the specified four (4) percent positive drainage grade. All disturbed areas shall receive sod. Sod shall match type of sod at the location.
- The Contractor shall provide the cost difference between Bahia sod and St. Augustine sod as part of this bid.
- Install thermoplastic striping

SCHEDULING

The start date for the project shall be ten (10) calendar days from the issuance of the Notice to Proceed. Within this time period, the Contractor shall be responsible for providing the Engineer with a complete schedule detailing each phase of the work detailed on the Notice to Proceed.

If the Contractor at any time falls more than ten (10) calendar days behind in the schedule, the Contractor shall be required to resubmit a new schedule. This new schedule shall show the current location of work and it shall also show how they plan to make up the days that they are behind in order to get back on the original schedule and compliance with the contract.

The Contractor shall provide the County's Engineer twenty-four (24) hours notice prior to beginning paving. This paving shall continue unless the contractor notifies the County's Engineer in writing forty-eight hours (48) in advance of termination of the operation. In this notification, Contractor shall specify when the project shall resume. Additionally, Contractor shall notify the County's Engineer twenty-four (24) hours prior to resuming paving. These notifications shall be made in writing to the Engineer.

MILLING OF EXISTING ASPHALTIC CONCRETE PAVEMENT

The Contractor shall be required to remove existing asphaltic concrete pavement by milling to improve the rideability and the specified two (2) % cross slope of the finished pavement. The areas to be milled shall be marked in white paint. The area shall be milled to the outside edge of the painted area.

Milling shall conform to Florida Department of Transportation Standard Specification for Road and Bridge Construction, 2007 Edition, Section 327, MILLING OF EXISTING ASPHALTIC CONCRETE PAVEMENT.

The Contractor shall be responsible for installing and maintaining signage warning the motorist of a "BUMP AHEAD" for all transition points and "GROOVED PAVEMENT AHEAD" for all areas that are being milled.

The milling machine shall be equipped to effectively limit the amount of dust escaping during the removal operation. The Engineer may require prewetting of the pavement.

The unit cost for milling shall be all inclusive to include but not be limited to the following items: mobilization/demobilization, traffic control, milling operations, trucking, and any other incidental charges associated with the operation. Lake County shall take possession of all millings. The Contractor shall supply the trucks needed to haul the millings from the site. The Contractor shall be responsible for loading the trucks in a timely matter.

After the milling, the Contractor shall be responsible to ensure that there is a safe and smooth transition from the milled surface to the adjacent road surface. These areas shall be filled temporarily with asphalt to provide for a slope of at least 4:1.

If at any time during the milling operations the milling head exposes the base material, the operator shall raise the milling head enough to leave ½" of asphaltic concrete in place. If the base is exposed the contractor shall be responsible to prime and sand seal the affected areas.

ASPHALTIC CONCRETE

Asphaltic concrete shall conform to Florida Department of Transportation Standard Specification for Road and Bridge Construction 2007 Edition, Section 330, HOT BITUMINOUS MIXTURES – QUALITY ASSURANCE, GENERAL CONSTRUCTION REQUIREMENTS, Section 334 SUPERPAVE ASPHALT CONCRETE FDOT as in the FDOT Implemented Specifications, Local Agency Specifications, Special Provisions, Asphalt Section 334, Specification Number SP 3340000 (see appendix b).

Unless otherwise specified, the Contractor shall install in the specified area either Type SP-12.5 or Type SP-9.5 concrete asphaltic concrete at the appropriate depth and grade as specified.

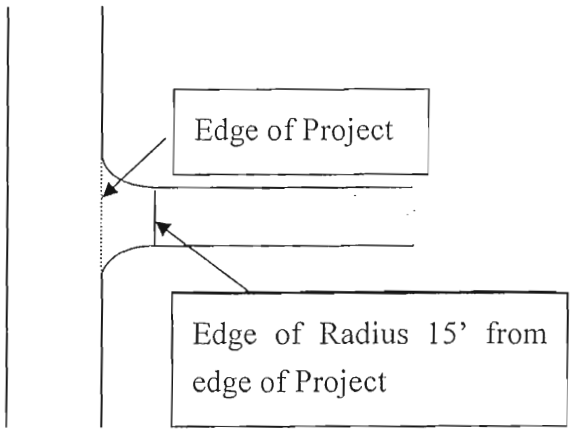
LEVELING COURSES

If a leveling course is specified it shall conform to Florida Department of Transportation Standard Specification for Road and Bridge Construction 2007 Edition Section 330-8.2.

Where a leveling course is specified, Type SP-9.5 asphaltic concrete mix is to be placed on an existing pavement or old base which is irregular, and wherever the plans indicate, to bring the existing surface to proper grade and cross-slope by the application of leveling courses. It shall be up to the Contractor to insure that the placement is completed to specifications and sufficient so that the final surface of the entire road provides for a smooth ride and within specified allowable tolerances.

RADIUS PAVING

The Contractor shall be required to overlay every intersecting street that intersects the project road a minimum of fifteen (15) feet back from the intersection into the intersecting street.



The only exception to this shall be unless it is otherwise marked by the County with pink paint. This area is to have any existing pavement markings replaced to the specifications outlined in this bid. The Contractor shall insure that the transition between the existing and new pavement provides for a smooth ride. The cost of the radius paving shall be included in the total square yards as stated on the tabulation of estimated quantities.

DRIVEWAYS

Apron or asphaltic concrete driveways transitions are to be at least one (1) foot per inch or greater to achieve a smooth transition. Apron on a concrete driveways are to also have a smooth transition. Driveways are to be swept and tacked before paving. The cost of the driveway aprons shall be considered incidental and shall be included in the unit resurfacing cost and no additional cost shall be permitted for driveways.

PRIME AND TACK COATS

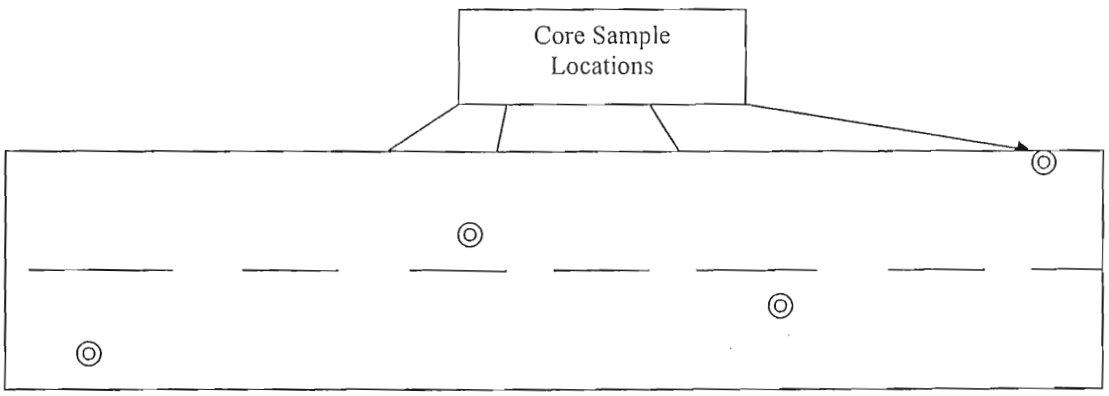
The tack coat shall be placed in accordance with the Florida Department of Transportation Standard specification for Road and Bridge Construction 2007 Edition Section 300.

COMPACTION

All asphaltic concrete shall be compacted in accordance with the Florida Department of Transportation Standard Specification for Road and Bridge Construction 2007 Edition FDOT Implemented Specifications, Local Agency Specifications, Special Provisions, Asphalt Section 334, Specification Number SP 3340000. If an area is believed to not meet these requirements, Lake County Public Works shall hire an independent testing laboratory to determine accordance with this specification. Areas not in conformance with this specification shall need to be removed and replaced at contractor's expense.

QUALITY INSPECTIONS

The Contractor shall be responsible for having core samples taken by an independent laboratory approved by the Engineer. It is the responsibility of the Contractor to supply the Engineer with the address and contact information of the laboratory before any resurfacing work starts. Core samples shall be taken every 500 feet regardless of how many lanes are being resurfaced and shall be in a random pattern as indicated on the diagram below unless otherwise indicated by the Engineer. Roads that are less than 1000 feet shall have a minimum of 2 core samples taken. The contractor shall be responsible for filling the holes that were created as part of the taking to core samples.



The results of these tests shall be sent directly from the laboratory to the Engineer. From these samples, a determination of the average thickness of the pavement shall be made by the testing laboratory and shall be made by measuring the thickness of the sample and dividing it by the number of samples. If at any time the Contractor wishes to request more core samples than what the County has done, they shall do so in writing, and the cost for the additional cores shall be at the Contractors expense. Holes created by the core samples shall be properly filled by the Contractor by this use of cold patch asphaltic concrete or other method approved by the Engineer may be used for filling the holes.

Please see Appendix A for the complete testing and sampling schedule that shall be the Contractor's responsibility to comply with.

DEFICIENCIES OF ASPHALTIC CONCRETE THICKNESS

The County shall allow a deficiency in the asphaltic concrete overlay of no more than one quarter (¼) inch.

When the deficiency in the thickness of the pavement is over one quarter (¼) inch, but not more than three eights (3/8) inch for pavement of a specified thickness, the Engineer shall allow the Contractor to leave such pavement in place, but without compensation. The Engineer shall determine the square yard area, for which it shall make no payment, by multiplying the product of the total distance between the acceptable cores by the lane width which the Contractor laid at the particular pass in which deficient thickness was indicated.

Where the deficiency in thickness is in excess of three eights (3/8) inches in specified thickness, the Contractor shall correct the deficiency. For any case of excess deficiency of the pavement, if approved by the Engineer for each particular location, the Contractor shall correct the deficient thickness by adding new surface material, and compact it to the same density as the adjacent surface. The Engineer shall determine the area to be corrected and the thickness of new material added as specified. Perform all overlaying and compacting at no expense to Lake County. The Contractor shall replace the full thickness as required by the Engineer for a length extending at least 50 feet from each end of the deficient area. The minimum thickness for any repair of deficiency shall conform to the layer thickness standards listed under the asphaltic concrete section of these specifications.

Any additional cost associated with corrected deficiencies even if the repair would make the final thickness of the asphaltic concrete overlay to be in excess of the original specified thickness, shall be the responsibility of the Contactor and no additional cost shall be charged to the County.

MANHOLES/VALVES

All manholes and water valves shall be adjusted to within one-half (1/2) inch tolerance by the contractor prior to placing asphaltic concrete material. All this of type work shall be in accordance with the Florida Department of Transportation Standard specification for Road and Bridge Construction 2007 Edition Section 425.

SURFACE PREPERATION/SHOULDER PREPERATION

Prior to starting any application process the Contractor shall be responsible for removing any vegetation back from existing pavement edges. All roadways shall have the shoulder vegetation cut back/removed prior to placement of the asphaltic concrete overlay. This area shall extend a minimum of three (3) feet past the edge of the pavement. It shall be the responsibility of the Contractor to remove any excess materials created by cutting back the shoulders. When vegetation is growing through the surface of the roadway that is being prepared for surfacing, it shall be removed and sterilized by use of propane torch unit eliminating all vegetation, dirt, moisture and seeds. At the option of the Contractor and with the approval of the Engineer, a herbicide may be applied prior to the work beginning. This shall be applied far enough ahead of the operation to sufficiently give the vegetation enough time to properly brown so that when completing the final sweeping before surface treatment no vegetation is left. No spoils created from the removal of the vegetation shall be left in the adjacent yards. Any unsightly clumped vegetation or debris shall be removed by the Contractor. The Contractor shall rake or sweep all material and remove if necessary.

All work involved with the shoulder preparation and any other incidental work required to provide a properly prepared edge of the existing asphalt shall be included in the bid price for the cost of the overlay as bid in sections 1 – 5. Any spoils created from the shoulder preparation shall become the property of the Contractor unless otherwise noted. It shall be the responsibility of the Contractor to properly dispose of these spoils at no expense to the County.

SHOULDER REHABILITATION

The contractor shall grade and shape the roadside shoulder to provide for positive drainage with a four (4) percent minimum cross slope (See Attachment 1 – Location Map and Typical Section) of the roadway while matching adjacent pavement, curb, sidewalk, and structure grades. These shoulders within this project area shall be reshaped, if necessary to meet the proper slope, a minimum of ten (10) feet, where available, from the edge of pavement. This reshaping/grading shall include both excavation of material to alleviate high shoulder conditions as well as backfill to eliminate any depression areas. All work needed to obtain proper grade shall be compacted to not less than 98% of maximum unit weight as determined by appropriate test method. Contractor shall supply reports showing sufficient density tests conducted by an approved independent testing laboratory not less than one every 1000 feet at six inches in depth.

All shoulders shall have a smooth surface with a tapered transition into existing adjacent grades. The back slope area into these adjacent grades shall be transitioned into the reshaped shoulder at a minimum of a 3:1 slope. Any areas that cannot be transitioned within the minimum 3:1 slope shall be brought to the attention of the Engineer. No work shall take place to such area until approval and direction of the Engineer is provided.

All disturbed areas within the project area shall have sod installed with the type of grass matching the adjacent area. Should no grass exist on surrounding area, Bahia sod shall be used. The top elevation of the mat of the sod shall match the top elevation of the adjacent pavement. Any sod exceeding or not meeting this elevation shall be rejected and replaced at the proper height at the contractor's expense. Sod shall be installed as the grading is completed. At no time shall the graded area be allowed to be without sod for more than twenty four (24) hours from the grading operation. Any areas left over night with no sod or any other drop off from the edge of pavement more than one (1) inch shall be clearly marked by the Contractor with lighted barricades/barrels as well as proper signage.

For the purposes of change orders, the amount of fill or excavation needed shall be calculated by taking a measurement from the height of the edge of pavement to the existing height of the shoulder every five hundred feet (500') for the entire length of the area needing restoration. An average of these of these measurements shall then be multiplied by the length of the area and the width from the edge of pavement to determine the total cubic yards. The unit cost per cubic yard for shoulder restoration shown on the bid sheet shall be all inclusive for the removal of spoils or the addition of clean soil and shall include but not be limited to the following items: mobilization/demobilization, traffic control, excavation or filling operations and equipment, labor, sod, and any other incidental charges associated with the operation. Any spoils created from the shoulder rehabilitation shall become the property of the Contractor unless otherwise noted. It shall be the responsibility of the Contractor to properly dispose of these spoils at no expense to the County

SOD AND GRASSES

All disturbed areas within the project area have sod laid length ways and parallel with the pavement. All joints shall be overlapped by six (6) inches. All sod shall be of a consistent type with the grass of the adjacent area. Should no grass exist on surrounding area, Bahia sod shall be used. The top elevation of the sod mat shall match the top elevation of the adjacent pavement. It shall be the Contractors responsibility to insure that the adjacent

ground is at the proper grade before laying the sod. The Contractor shall either remove any high areas or supply a good soil for any low areas to achieve the proper grade. Any sod exceeding or not meeting this elevation shall be rejected and replaced at the proper height at the Contractor's expense.

All sod shall be watered by the Contractor until established. Established shall be described as the root has grown into the ground on which the sod has been installed. Any dead grass shall be replaced at the Contractor's expense. At no time shall the graded area be allowed to be without sod for more than twenty four (24) hours from the grading operation. Any areas left overnight with no sod or any other form of a drop off from the edge of pavement shall be clearly marked by the Contractor with either lighted barricades or lighted barrels.

When sod is required to be installed by the Contractor, the sod shall conform to the Florida Department of Transportation Standard Specification for Road and Bridge Construction 2007 Edition Section 575, Sodding, and Section 981, Grassing and Sodding Materials with the exception of the type of sod shall match the existing and/or the adjacent sod next to the work area.

All sod placed on site shall come with a certification from the supplier stating that it is free from noxious or invasive weeds. A copy of this certification shall be forwarded to the Engineer.

TEMPORARY TRAFFIC STRIPES AND MARKINGS

The Contractor shall install all Work Zone Pavement Marking prior to the removal of any traffic control devices. This striping shall be maintained by the Contractor throughout the duration of the work and shall be in place at the end of each work day. Should it not be possible for the Contractor to install work zone pavement marking, the Contractor shall supply suitable traffic control measures per the Manual of Uniform Traffic Control Devices, to include but not limited to, warning signs, channelizing devices, and delineation so as to indicate the required road user paths in temporary traffic control zones. If the Contractor wishes to provide traffic control in another manner they shall submit it in writing and it shall be approved by the Engineer before it is used.

All striping shall comply with the Florida Department of Transportation Standard Specifications for Road and Bridge Construction 2007 Edition Sections102-10.1 Work Zone Pavement Marking and Section 710 Painted Pavement Markings. The Contractor should pay special attention to Section 710-4.3 concerning the retroreflectivity. For work zone markings, ensure that the minimum retroreflectance of white and yellow pavement markings are not less than 150 $mcd/lx \cdot m^2$. If the retroreflectivity values fall below the 150 $mcd/lx \cdot m^2$ value within six (6) months of initial applications, the striping shall be reapplied at the Contractor's expense.

Lake County shall accept only water borne non-lead type paint. No Removable tape shall be allowed as part of this contract.

Do not apply pavement markings when winds are sufficient to cause spray dust.

It is the responsibility of the Contractor to insure the current (before resurfacing) striping layout is recorded so that the same layout is placed on the newly resurfaced road, unless the County supplies a new pattern to be used. If the striping applied is not the correct

pattern, it is the Contractors responsibility to remove the markings by the method specified by the County. The Contractor would be responsible for the cost of the removal and replacement of the correct pattern.

If the road surface is damaged during the removal process, the contractor is responsible to repair the road surface at the Contractor's expense, to the County's satisfaction.

Hand liners shall be used only for transverse pavement markings and taper or gore sections of pavement striping and markings. Hand liners shall not be used for long line pavement stripes longer than two hundred feet unless the stripes are part of a taper or gore area or intersection lane line that cannot be installed with a truck mounted applicator.

The Contractor shall self inspect all road markings using the May 27, 2005 Florida Method of Test for Traffic Striping Retroreflectivity Designation: FM 5-579 or the latest editions now in force or hereafter adopted, to test and certify width, thickness, color and retroreflectivity. The Contractor shall submit the results to the County on a reporting form pre-approved by the Engineer. The County reserves the right to verify all test results. The County's test shall be final and binding.

The County shall review the submitted test results and if the County deems necessary, conduct their own test on any portion of or possibly all of the completed road using the May 27, 2005 Florida Method of Test for Traffic Striping Retroreflectivity Designation: FM 5-579 or the latest editions now in force or hereafter adopted, to test and certify retroreflectivity, width, thickness and color. The County shall notify the Contractor of any deficiencies. The Contractor shall correct all deficiencies before final acceptance and payment is made.

PERMANENT TRAFFIC STRIPES AND MARKINGS

Before the final acceptance has been made for the project, the Contractor shall install and pass current reflectivity standards, permanent thermo plastic striping. All permanent striping shall conform to Florida Department of Transportation Standard Specifications for Road and Bridge Construction 2007 Edition Section 711 Thermoplastic Traffic Stripes and Markings.

It is the responsibility of the Contractor to insure the current (before resurfacing) striping layout is recorded so that the same layout is placed on the newly resurfaced road, unless the County supplies a new pattern to be used. If the striping applied is not the correct pattern, it is the Contractors responsibility to remove the markings by the method specified by the County. The Contractor would be responsible for the cost of the removal and replacement of the correct pattern.

If the road surface is damaged during the removal process, the contractor is responsible to repair the road surface at the Contractor's expense, to the County's satisfaction.

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GUARDRAILS

All guardrails within the limits of the project shall be updated if necessary to the latest edition of AASHTO's Roadside Design Guide. All guardrail hardware that does not comply with NCHRP 230 requirements and end terminals that do not comply with NCHRP 350 requirements shall be upgraded. The costs associated with these upgrades shall be part of this bid.

The Contractor shall submit to the County an upgrade design for Engineer approval. Approval of the design shall be received before any work on the guardrail commences.

The following specifications shall be used to meet the AASHTO's Roadside Design Guide and must comply with the NCHP 230 and NCHRP 350.

POSTS

General:
Use posts of either timber, or steel, and of the sizes and dimensions shown in the plans or that of the existing conditions. Use the particular type selected throughout a run of rail, except where special steel posts are required.

Timber Posts:
Meet the requirements of the latest edition of the Southern Pine Inspection Bureau's Standard Grading Rules for Southern Pine Lumber, for No.1 grade timber, and treat the posts in accordance with the requirements for posts in 955-5.3. Ensure that penetration of preservative is in accordance with requirements for round piles and fence posts in 955-6.2. Shape and drill the posts prior to treatment, and ensure that they do not vary more than 1 inch [±25 mm] from the specified length. Dress all timber posts on all four sides (S4S).

Steel Posts:
Use steel posts meeting the requirements of ASTM A36 [ASTM A36M] steel. Galvanize the posts in accordance with the requirements of ASTM A 123 [ASTM A 123M], with 2 oz/ft2 [600 g/m2] of zinc coating. Drill the posts prior to galvanizing. Ensure that the manufacturer furnishes certification showing physical and chemical properties of each heat, the amount of spelter coating, and conformance ASTM A 123 [ASTM A 123M]. The Contractor may use steel guardrail posts of either a rolled section or a welded structural shape with nominal dimensions as shown in the Design Standards. For welded structural shapes, meet the following requirements:
(1) Ensure that the design properties of the shape meet or exceed the design properties for a W 6 x 9 [W 150 x 14] shape as contained in the AISC Manual of Steel Construction.
(2) Weld in accordance with the requirements of ASTM A 769 [ASTMA 769M].
(3) After cutting posts to length, place a weld to seal the spaces between the web plate and flange plates.
(4) Galvanize as specified above after completing all drilling and welding.

Setting Posts:
Set standard length posts vertically to the depth shown in the Design Standards. Set special length posts vertically to the depth shown in the plans. Align and realign posts as necessary, until final acceptance. Where the posts are not set in concrete or mounted on structures, backfill the post holes with suitable thoroughly tamped material. As an alternate method, the Contractor may use a post-driving machine, meeting the approval of the Engineer and capable of driving the posts without damaging them. For guardrail post replacement, backfill and compact the existing hole prior to setting the new post. If driving posts through asphalt pavement, the Contractor may either block out holes for the posts during the paving operation or cut holes through the mat prior to the post installation. Either block-out or cut through an area that is at least 50% larger than the area of the post being driven. After completing installation of the posts and compaction of the backfill material, patch the area around each post with fresh hot bituminous mixture.

Anchor Blocks:
Use anchor blocks of Class I concrete, and construct and place them in accordance with the requirements shown in the plans or as directed by the Engineer.

Offset Blocks:
Use guardrail offset blocks of either timber, steel, recycled plastic, or rubber, and of the sizes specified in the Design Standards. Treat timber blocks in accordance with the requirements for posts in 955-5.3. Ensure that penetration of preservative is in accordance with requirements for round piles and fence posts in 955-6.2. For timber offset blocks, meet the requirements of the latest edition of the Southern Pine Inspection Bureau's Standard Grading Rules for Southern Pine Lumber, for No. 1 grade timber. Dress all timber offset blocks on all four sides (S4S). Ensure that timber offset blocks do not vary more than 0.25 inch [6mm] from the specified length.

Special Guardrail Posts:
The designation "Special Guardrail Posts" will include only such posts as require special fabrication, for installation at locations where the normal setting would conflict with concrete structures, such as approach slabs, culvert slabs, footings, inlets, etc. Special

posts, however, will not include posts for double-face median guardrail, regardless of whether they are embedded in or attached to concrete.

Rubber Blocks:
Use rubber blocks that have a minimum Durometer hardness of 50 (ASTM D 2240), show no cracking at the end of an ozone exposure of 100 ± 10 pphm for 15 hours at 100°F [38°C] (ASTM D 1149 mounting type A), do not exceed 15 points change in Durometer hardness in oven ageing for 70 hours at 158°F [70°C] (ASTM D 573), and show no cutting or tearing under a 6,500 lb [29 kN] load applied through a guardrail section. Ensure that the blocks present a neat appearance and have plane surfaces. Provide rubber blocks that are 6 inches [150 mm] wide, 8 inches [200 mm] deep and 14 inches [360 mm] high. Allow dimensional tolerances of ±5/8 inch [16 mm] in height, ±3/8 inch [10 mm] in width, and ±3/8 inch [10 mm] in depth. For Recycled Plastic offset blocks, meet the requirements of Section 972.

Reflectors:
Mount acrylic plastic reflectors on the guardrail in accordance with the details shown in the plans or to the Design Standards. Provide reflectors that meet the requirements of 993-5 and are colorless or amber, in accordance with the locations of use for each, as specified in the plans backfilling and compacting existing holes.

RAIL ELEMENTS FOR GUARDRAIL

Steel Guardrail
Steel guardrail materials shall meet the requirements of AASHTO M 180, (except as specified below), and for either Class shown. Type 2 zinc coating will be required. As an exception to the requirements of AASHTO M 180, the coating properties, sampling, test methods, inspection, and certification related to galvanizing regardless of the method of galvanization of the rail elements shall meet the requirements of ASTM A 123 [ASTM A 123M]. All supports, fastenings and other accessories, including bolts, nuts, washers, etc., (and including the steel trailing end-anchorage rods required to be used with aluminum guardrail) shall be galvanized as specified in ASTM A 153 [ASTM A 153M].
Acceptance of steel guardrail materials shall be based on manufacturer's certified mill analysis of test results meeting the specification limits of the ASTM or AASHTO designation as stated above.
Certification of these test values, representing each shipment of guardrail materials, shall be provided to the Engineer for each project.

Aluminum Guardrail
Except as might be specified otherwise in the plans, aluminum rail and hardware shall meet the requirements specified in this Article. The aluminum rail element shall consist of a 0.125 inch [3.2 mm] aluminum sheet, Alloy Alclad 2024-T3, formed into a deep-beam type rail in accordance with the details shown on the Design Standards. The rail element shall meet the following requirements:

(1) Minimum ultimate tensile strength - 62,000 psi [430 MPa].
(2) Minimum longitudinal strength through splice joint - 80,000 lbs [350 kN].
(3) Minimum thickness of plate - 0.125 inch [3.2 mm].
(4) A 2 inch [50 mm] test specimen shall elongate not less than 15%.

Bolts shall be aluminum alloy 2024-T4, shall have an anodic coating of at least 0.0002 inch [5 μm] in thickness and shall be chromate sealed. Nuts shall be aluminum alloy 6061-T6. Washers shall be aluminum alloy Alclad 2024-T4. (The steel trailing end-anchorage rods, required to be used with aluminum guardrail, are specified in 967-1.) Mill analysis reports shall be submitted as specified in Section 961 and the Contractor shall not place final orders for the delivery of the materials until he has received written notice of approval of the materials, based on the mill analysis.

Linear Delineation System

Linear delineation system shall be 3M Diamond Grade or equivalent material laminated onto a thin gauge of aluminum. The Contractor shall install the system to the manufacture specifications and installation procedures. As part of the RFP the Contractor shall submit the manufacture of the material that shall be used during the contract period.

SIDEWALK

If there is sidewalk adjacent to the project site the Contractor shall insure that it meets all current American with Disabilities Act (ADA). If there are areas or sections of the sidewalk that do not comply with ADA, the Contractor shall remove and replace them to bring them within compliance. The following are considered as a minimum to consider when accessing the sidewalk for compliance to the ADA standards:

- Truncated domes are properly installed
- Proper crosswalk striping is installed
- The maximum grade of the adjacent ground is a 3:1 slope (all disturbed areas shall have sod installed). As part of this contract the Contractor shall insure that all areas on both sides of the sidewalk meets this slope requirement.
- There shall not be any joint lifts of ¼ " or more between adjacent portions of the sidewalk (areas that have a unacceptable joint can be ground by use of a cement grinder providing the ground edge is smooth and does not remove more than ten (10) percent of the thickness of the sidewalk. If this cannot be accomplished the Contractor shall remove the segment in question and replace it. This operation shall comply with Florida Department of Transportation Standard Specifications for Road and Bridge Construction 2007 Edition Section 522 Concrete Sidewalk and the 2008 FDOT Design Standards Index No. 310.
- All curb cuts and ramps meet current ADA requirements.

PUBLIC NOTIFICATION OF WORK

The Contractor shall be required to utilize Portable Changeable (Variable) Message Signs (PCMS, FDOT Index 670) for public notification of work. One (1) board shall be placed at each end of the project.

When a Contractor is required to install a Portable Changeable (Variable) Message Signs (PCMS, FDOT Index 670), it shall be located at each end of the proposed work zone, unless directed otherwise by the Engineer, One (1) week prior to construction and throughout all construction in order to inform residents and roadway users of the impending construction. The PCMS shall display lane closure information including but not limited to anticipated lanes to be closed, extent of lane closure (i.e. "Next 3 Miles"), daily

hours of closure, and temporary speed restrictions. Any and all costs associated with the Portable Changeable (Variable Message Signs shall be charged at the per unit per day price as indicated on item #15 of the bid sheet and shall be included on final notice

UNDERGROUND UTILITIES

Any required ground digging or subsurface work shall be done in accordance with the Florida Statute Chapter 556. It shall be the responsibility of the Contractor to have all underground utilities located before any work shall begin. This can be done by contacting Sunshine State One Call. They may be reached by calling 1-800-432-4770. The repairs of any damaged underground utilities as a result of the work being performed by the Contractor shall be the responsibility of the Contractor. The proper utility company shall be contacted immediately if damage has occurred to expedite the repairs. Lake County shall also be notified by telephone at the earliest opportunity and shall be followed up with a written explanation of the incident within two (2) days.

MAINTENANCE OF TRAFFIC (MOT)

Maintenance of traffic shall be the responsibility of the Contractor, be part of the bid price, and shall conform to Florida Department of Transportation (FDOT) Index Series 600 or most current editions of "Roadway and Traffic Design Standards" for Design, Construction, and Maintained Systems and the Federal Highway Administration (FHWA) "Manual on Uniform Traffic Control Devices (MUTCD) for Streets and Highways." These documents can be ordered from FDOT Maps and Publications Department, 605 Suwannee Street, Tallahassee, Florida, 32399-0450, or by going to the F.D.O.T. website at: www.dot.state.fl.us/mapsandpublications

All costs associated with MOT must be included with the Unit Price. If the Contractor does not comply with the F.H.W.A and M.U.T.C.D. (i.e. signs, qualified flaggers and/or barricades), the County reserves the right to direct the contractor to cease operation until deficiencies are corrected. In addition, no road closures shall be allowed except in the case of emergencies.

All lane closures shall have the prior approval of the Engineer.

The foregoing requirements are to be considered as minimum and the Contractors compliance shall in no way relieve the Contractor of final responsibility for providing adequate traffic control devices for the protection of the public and Contractor's employees throughout the work area.

The use of public roads and streets by the Contractor shall provide a minimal inconvenience to the public and traffic. If the Contractor is utilizing the road by driving the equipment, the operator shall allow no more than three (3) vehicles to be backed up behind them at any time before pulling to the side to let traffic pass.

EQUIPMENT

The Contractor shall furnish equipment of a type and quantity to perform the work satisfactorily within the time specified herein. If, in the opinion of the Engineer, the Contractor has insufficient equipment on the job to satisfactorily complete the work within the required time, the Contractor shall provide additional equipment as directed by the Engineer.

All equipment shall be inspected and approved by the Engineer before it is placed in service. If at any time, the Engineer determines that any equipment is deficient in any way; the Contractor shall remove the equipment from service immediately and the equipment shall remain out of service until the deficiency is corrected to the satisfaction of the Engineer. Inspection and approval of the Contractors equipment by the Engineer shall not relieve the Contractor of responsibility or liability for injury to persons or damage to property caused by the operation of the Contractors equipment, nor shall it relieve the Contractor of the responsibility to meet the established time for the completion of the project.

No storage or service of equipment/material shall take place on private property unless the Contractor has a letter from the landowner stating that the Contractor has permission to do so. The Contractor shall supply the Engineer with a copy of any such letter before the equipment/material is placed there.

Any equipment/material left within the right of way shall be outside the clear zone. No equipment/material shall be parked overnight in the median.

All service and supply operations shall be conducted outside the clear zone unless the Contractor has proper authorization and traffic control. No supply vehicles shall enter the median for any purpose. No service vehicles shall inter the median except when necessary to repair or remove inoperable equipment.

HAZARDOUS MATERIALS

The Contractor is responsible for notifying the Engineer of any hazardous materials used on the work site and providing him with a copy of the Material Safety Data Sheets (MSDS) as required by the Florida Right-to-Know-Law, as applicable.

Any spillage of hazardous chemicals and/or wastes caused by the Contractor must be reported immediately to the Engineer and cleaned up in accordance with all State and Federal Regulations. The cost of clean up of any spillage of hazardous chemicals caused by the Contractor shall the sole responsibility of the Contractor and the County shall share no responsibility with these costs. A copy of a complete report showing compliance with local, state, and federal agencies shall be given to the County.

If any hazardous chemicals or conditions are discovered during the normal operation, it is the responsibility of the Contractor to immediately contact the Engineer with a description and the location of the condition.

DAMAGE

All items damaged as a result of Contractor or subcontractor operations, such as but not limited to, sidewalks, seating, curbs, pipes, drains, water mains, pavement, mail boxes, turf, etc., shall be either repaired or replaced by the Contractor at their expense in a manner prescribed by and at the sole satisfaction of the Engineer. Any invoices submitted to the County such as but not limited to, from utility companies, landowners, which are determined to be the result of damage done by the Contractor, shall be the responsibility of the Contractor. At the discretion of the County and if it is determined that the Contractor has been negligent, the County reserves the right to pay any such invoices and deduct for the Contractors invoice. Repairs, or receipt of repairs, shall be completed and submitted to the County prior to submission of the Contractor's invoice for work accomplished.

The Contractor shall notify the Engineer immediately of any complaints given directly to the Contractor.

Complaints shall be addressed within 48 hours and a written report submitted to the Engineer outlining actions taken to correct the complaint. The Contractor shall notify the County immediately of any complaints given directly to the Contractor.

If in the course of completing work as part of this contract there is an accident that involves the public, the Contractor shall as soon as possible inform the Engineer of the incident by telephone. The Contractor shall follow up in writing within two (2) days of the incident. If Law Enforcement was involved and has written a report, the Contractor shall forward a copy of the report to the Engineer.

CLEAN UP/SURPLUS MATERIAL REMOVAL

The Contractor shall be responsible for the removal of all surplus material and debris within the work zone. All costs associated with clean-up and debris removal must be included with the unit price. Any deficiencies of this nature shall be addressed as part of the *Final Inspection* process. If such deficiencies are not corrected as part of this process, the County shall remove the remaining debris and surplus materials and deduct the associated costs from the amount due the Contractor.

Appendix A

TESTING AND SAMPLING SCHEDULE

OPERATION	MATERIAL SPECIFICATION	TESTS	PROJECT REQUIREMENTS	TESTING FREQUENCY
Prime and Tack Coats	FDOT Standard Specifications: 300 Tech. Spec. 02507		Certification	Every Transport
Type Superpave Asphaltic Concrete	FDOT Standard Specifications: 334 (Control Strip Required) Tech. Spec.:02512	Job Mix Formula	Certification	Each mix design or change of aggregates
		Marshall Stability		Each mix design or change of aggregates
		Extraction Gradation Analysis		One per each day of production greater than 100 tons
		Field Density	98% Control Strip	all travel lanes of roadway every 500 feet
		Asphalt	Certification	Every Transport
		Thickness		Core every 500 feet
Concrete	FDOT Standard Specifications: 345, 350, 400, 520, & 522 Tech Spec: 02528,03200, 03250, 033300, 03350, 03370, 03410, & 03600	Compression Strength		One (1) set of cylinders for 10 CY or more per day. Additional set(s) for each 100 CY/day. One (1) set for each class of concrete placed each day.
		Modified Proctor AASHTO T-180, Method D		As needed under sidewalk and driveways.
		Field Density	98% Proctor	Each driveway and every 500 feet sidewalk.
		Each class of concrete used	Certification	Each mix design or change.
Sodding	FDOT Standard Specification for 2007 Edition Section 575, Sodding, and Section 981	Each type of sod used	Certification	The sod shall be free of grassy, invasive / exotic, broadleaf and sedge weeds, diseases, insects and nematodes (of injured populations).

SECTION **334**

HOT MIX ASPHALT FOR LOCAL AGENCIES

334-1 Description.

334-1.1 General: Construct a Hot Mix Asphalt (HMA) pavement based on the type of work specified in the Contract and the Asphalt Work Categories as defined below. Meet the applicable requirements for plants, equipment, and construction requirements as defined below. Use a HMA mix that meets the requirements of this specification.

334-1.2 Asphalt Work Mix Categories: Construction of Hot Mix Asphalt Pavement will fall into one of the following work categories:

334-1.2.1 Asphalt Work Category 1: Includes the construction of bike paths.

334-1.2.2 Asphalt Work Category 2: Includes the construction of new HMA turn lanes, paved shoulders and other non-mainline pavement locations.

334-1.2.3 Asphalt Work Category 3: Includes the construction of new mainline HMA pavement lanes, milling and resurfacing.

334-1.3 Mix Types: Use the appropriate HMA mix as shown in Table 334-1.

Table 334-1
HMA Mix Types

Asphalt Work Category	Mix Types	Traffic Level
1	Type SP-9.5, or equivalent as determined by the Engineer	A
2	Type SP-9.5, SP-12.5, or equivalent as determined by the Engineer	B or C
3	Type SP-9.5, SP-12.5	C

A Type SP mix one traffic level higher than the traffic level specified in the Contract may be substituted, at no additional cost (i.e. Traffic Level B may be substituted for Traffic Level A, etc.).

334-1.4 Gradation Classification: HMA mixes are classified as either coarse or fine, depending on the overall gradation of the mixture. Coarse and fine mixes are defined in 334-3.2.2. Use only fine mixes.

The equivalent AASHTO nominal maximum aggregate size Superpave mixes are as follows:

Type SP-9.5 9.5 mm
Type SP-12.5 12.5 mm

334-1.5 Thickness: The total pavement thickness of the HMA Pavement will be based on a specified spread rate or plan thickness as shown in the Contract Documents. Before paving, propose a spread rate or thickness for each individual layer meeting the requirements of this specification, which when combined with other layers (as applicable) will equal the plan spread rate or thickness. When the total pavement thickness is specified as plan thickness, the plan thickness and individual layer thickness will be converted to spread rate using the following equation:

Spread rate (lbs/yd^2) = t x G_{mm} x 43.3 where: t = Thickness (in.) (Plan thickness or

individual layer thickness)

G_{mm} = Maximum specific gravity from the mix design

For target purposes only, spread rate calculations shall be rounded to the nearest whole number.

334-1.5.1 Layer Thicknesses: Unless otherwise called for in the Contract Documents, the allowable layer thicknesses for HMA mixtures are as follows:

Type SP-9.5 3/4 - 1 1/2 inches

Type SP-12.5 1 1/2 - 2 1/2 inches

334-1.5.2 Additional Requirements: The following requirements also apply to HMA mixtures:

1. When construction includes the paving of adjacent shoulders (≤5 feet wide), the layer thickness for the upper pavement layer and shoulder shall be the same and paved in a single pass, unless otherwise called for in the Contract Documents.

2. For overbuild layers, use the minimum and maximum layer thicknesses as specified above unless called for differently in the Contract Documents. On variable thickness overbuild layers, the minimum allowable thickness may be reduced by 1/2 inch, and the maximum allowable thickness may be increased by 1/2 inch, unless called for differently in the Contract Documents.

334-1.6 Weight of Mixture: The weight of the mixture shall be determined as provided in 320-2.2 of the Florida Department of Transportation (FDOT) specifications.

334-2 Materials.

334-2.1 Superpave Asphalt Binder: Unless specified elsewhere in the Contract or in 334-2.3.3, use a PG 67-22 asphalt binder from the Department's Qualified Products List (QPL).

334-2.2 Aggregate: Use aggregate capable of producing a quality pavement. For Category 2 and 3 projects, require the aggregate supplier to certify that the material meets FDOT requirements.

334-2.3 Reclaimed Asphalt Pavement (RAP) Material:

334-2.3.1 General requirements: RAP may be used as a component of the asphalt mixture if approved by the Engineer. Usage of RAP is subject to the following requirements:

1. Limit the amount of RAP material used in the mix to a maximum of 50 percent by weight of total aggregate.

2. Do not use RAP material in any friction course mixes.

3. Provide stockpiled RAP material that is reasonably consistent in characteristics and contains no aggregate particles which are soft or conglomerates of fines.

4. Provide RAP material having a minimum average asphalt content of 4.0 percent by weight of total mix. The Engineer may sample the stockpile to verify that this requirement is met.

5. Use a grizzly or grid over the RAP cold bin, in-line roller crusher, screen, or other suitable means to prevent oversized RAP material from showing up in the completed recycle mixture. If oversized RAP material appears in the completed recycle mix, take the appropriate corrective action immediately. If the appropriate corrective actions are not immediately taken, stop plant operations.

334-2.3.2 Material Characterization: Assume responsibility for establishing the asphalt binder content, gradation, viscosity and bulk specific gravity (G_{sb}) of the RAP material based on a representative sampling of the material.

334-2.3.3 Asphalt Binder for Mixes with RAP: Select the appropriate

asphalt binder grade based on Table 334-2. Maintain the viscosity of the recycled mixture within the range of 4,000 to 12,000 poises.

Table 334-2 Asphalt Binder Grade for Mixes Containing RAP	
Percent RAP	Asphalt Binder Grade
<20	PG 67-22
20 – 29	PG 64-22
≥ 30	Recycling Agent

334-3 Composition of Mixture.

334-3.1 General: Compose the asphalt mixture using a combination of aggregates, mineral filler, if required, and asphalt binder material. Size, grade and combine the aggregate fractions to meet the grading and physical properties of the mix design. Aggregates from various sources may be combined.

334-3.2 Mix Design:

334-3.2.1 General: Design the asphalt mixture in accordance with AASHTO R35-04, except as noted herein. Submit the proposed mix design with supporting test data indicating compliance with all mix design criteria to the Engineer. Prior to the production of any asphalt mixture, obtain the Engineer's conditional approval of the mix design. If required by the Engineer, send representative samples of all component materials, including asphalt binder to a laboratory designated by the Engineer for verification. The Engineer will consider any marked variations from original test data for a mix design or any evidence of inadequate field performance of a mix design as sufficient evidence that the properties of the mix design have changed, and at his discretion, the Engineer may no longer allow the use of the mix design.

334-3.2.2 Mixture Gradation Requirements: Combine the aggregates in proportions that will produce an asphalt mixture meeting all of the requirements defined in this specification and conform to the gradation requirements at design as defined in AASHTO M323-04, Table 3. Aggregates from various sources may be combined.

334-3.2.2.1 Mixture Gradation Classification: Plot the combined mixture gradation on an FHWA 0.45 Power Gradation Chart. Include the Control Points from AASHTO M323-04, Table-3, as well as the Primary Control Sieve (PCS) Control Point from AASHTO M323-04, Table 4. Fine mixes are defined as having a gradation that passes above or through the primary control sieve control point. Use only fine mixes

334-3.2.3 Gyratory Compaction: Compact the design mixture in accordance with AASHTO T312-04. Use the number of gyrations as defined in AASHTO R35-04, Table 1.

334-3.2.4 Design Criteria: Meet the requirements for nominal maximum aggregate size as defined in AASHTO M323-04, as well as for relative density, VMA, VFA, and dust-to-binder ratio as specified in AASHTO M323-04, Table 6.

334-3.2.5 Moisture Susceptibility: Test 4 inch specimens in accordance with FM 1-T 283. Provide a mixture having a retained tensile strength ratio of at least 0.80 and a minimum tensile strength (unconditioned) of 100 psi. If necessary, add a liquid anti-stripping agent from the FDOT's Qualified Products List, or hydrated lime in order to meet these criteria.

In lieu of moisture susceptibility testing, add a liquid anti-stripping agent from the Department's Qualified Products List. Add 0.5% liquid anti-stripping agent by weight of binder.

334-3.2.6 Additional Information: In addition to the requirements listed above, provide the following information on each mix design:

1. The design traffic level and the design number of gyrations (N_{design}).
2. The source and description of the materials to be used.
3. The FDOT source number and the FDOT product code of the aggregate components furnished from an FDOT approved source (if required).
4. The gradation and proportions of the raw materials as intended to be combined in the paving mixture. The gradation of the component materials shall be representative of the material at the time of use. Compensate for any change in aggregate gradation caused by handling and processing as necessary.
5. A single percentage of the combined mineral aggregate passing each specified sieve. Degradation of the aggregate due to processing (particularly material passing the No. 200 sieve) should be accounted for and identified.
6. The bulk specific gravity (G_{sb}) value for each individual aggregate and RAP component.
7. A single percentage of asphalt binder by weight of total mix intended to be incorporated in the completed mixture, shown to the nearest 0.1 percent.
8. A target temperature at which the mixture is to be discharged from the plant and a target roadway temperature. Do not exceed a target temperature of 330°F for modified asphalts and 315°F for unmodified asphalts.
9. Provide the physical properties achieved at four different asphalt binder contents. One shall be at the optimum asphalt content, and must conform to all specified physical requirements.
10. The name of the Mix Designer.
11. The ignition oven calibration factor.

334-4 Contractor Quality Control.

Assume full responsibility for controlling all operations and processes such that the requirements of these Specifications are met at all times. Perform any tests necessary at the plant and roadway for quality control purposes.

334-5 General Construction Requirements.

334-5.1 Weather Limitations: Do not transport asphalt mix from the plant to the roadway unless all weather conditions are suitable for the laying operations.

334-5.2 Limitations of Laying Operations:

334-5.2.1 General: Spread the mixture only when the surface upon which it is to be placed has been previously prepared, is intact, firm, and properly cured, and is dry.

334-5.2.2 Air Temperature: Spread the mixture only when the air temperature in the shade and away from artificial heat is at least 40°F for layers greater than 1 inch (100 lb/yd^2) in thickness and at least 45°F for layers 1 inch (100 lb/yd^2) or less in thickness (this includes leveling courses). The minimum temperature requirement for leveling courses with a spread rate of 50 lb/yd^2 or less is 50°F.

334-5.3 Mix Temperature: Heat and combine the ingredients of the mix in such a manner as to produce a mixture with a temperature at the plant and at the roadway, within a range of ±30°F from the target temperature as shown on the mix design. Reject all loads outside of this range.

334-5.4 Transportation of the Mixture: Transport the mixture in vehicles previously cleaned of all foreign material. After cleaning, thinly coat the inside surface of

the truck bodies with soapy water or an asphalt release agent as needed to prevent the mixture from adhering to the beds. Do not allow excess liquid to pond in the truck body. Do not use diesel fuel or any other hazardous or environmentally detrimental material as a coating for the inside surface of the truck body. Cover each load at all times.

334-5.5 Preparation of Surfaces Prior to Paving:

334-5.5.1 Cleaning: Clean the surface of all loose and deleterious material by the use of power brooms or blowers, supplemented by hand brooming where necessary.

334-5.5.2 Patching and Leveling Courses: Where the HMA is to be placed on an existing pavement which is irregular, wherever the plans indicate, or if directed by the Engineer, bring the existing surface to proper grade and cross-section by the application of patching or leveling courses.

334-5.5.3 Application over Surface Treatment: Where an asphalt mix is to be placed over a surface treatment, sweep and dispose of all loose material from the paving area.

334-5.5.4 Tack Coat: Apply a tack coat on existing pavement structures that are to be overlaid with an asphalt mix and between successive layers of all asphalt mixes, unless directed otherwise by the Engineer. Use a tack coat product meeting FDOT specifications. Use an emulsified tack coat spread rate of 0.02 to 0.08 gal/sy or as specified by the Engineer.

334-5.6 Paving:

334-5.6.1 Alignment of Edges: With the exception of pavements placed adjacent to curb and gutter or other true edges, place all pavements by the stringline method to obtain an accurate, uniform alignment of the pavement edge. Control the unsupported pavement edge to ensure that it will not deviate more than ± 1.5 inches from the stringline.

334-5.6.2 Rain and Surface Conditions: Immediately cease transportation of asphalt mixtures from the plant when rain begins at the roadway. Do not place asphalt mixtures while rain is falling, or when there is water on the surface to be covered. Once the rain has stopped and water has been removed from the tacked surface to the satisfaction of the Engineer and the temperature of the mixture caught in transit still meets the requirements as specified in 334-5.3, the Contractor may then place the mixture caught in transit.

334-5.6.3 Checking Depth of Layer: Check the depth of each layer at frequent intervals, and make adjustments when the thickness exceeds the allowable tolerance. When making an adjustment, allow the paving machine to travel a minimum distance of 32 feet to stabilize before the second check is made to determine the effects of the adjustment.

334-5.6.4 Hand Spreading: In limited areas where the use of the spreader is impossible or impracticable, spread and finish the mixture by hand.

334-5.6.5 Spreading and Finishing: Upon arrival, dump the mixture in the approved paver, and immediately spread and strike-off the mixture to the full width required, and to such loose depth for each course that, when the work is completed, the required weight of mixture per square yard, or the specified thickness, is secured. Carry a uniform amount of mixture ahead of the screed at all times.

334-5.6.6 Thickness of Layers: Construct each course of Type SP mixtures in layers of the thickness shown in 334-1.5.1.

334-5.7 Leveling Courses:

334-5.7.1 Patching Depressions: Before spreading any leveling course,

fill all depressions in the existing surface more than 1 inch deep by spot patching with leveling course mixture, and compact thoroughly.

334-5.7.2 Spreading Leveling Courses: Place all courses of leveling with an asphalt paver or by the use of two motor graders, one being equipped with a spreader box. Other types of leveling devices may be used upon approval by the Engineer.

334-5.7.3 Rate of Application: When using Type SP-9.5 (fine graded) for leveling, do not allow the average spread of a layer to be less than 50 lb/yd^2 or more than 75 lb/yd^2. The quantity of mix for leveling shown in the plans represents the average for the entire project; however, the Contractor may vary the rate of application throughout the project as directed by the Engineer. When leveling in connection with base widening, the Engineer may require placing all the leveling mix prior to the widening operation.

334-5.8 Compaction: For each paving or leveling train in operation, furnish a separate set of rollers, with their operators.

When density testing for acceptance is required (Asphalt Work Category 3), select equipment, sequence, and coverage of rolling to meet the specified density requirement. Regardless of the rolling procedure used, complete the final rolling before the surface temperature of the pavement drops to the extent that effective compaction may not be achieved or the rollers begin to damage the pavement.

When density testing for acceptance is not required (Asphalt Work Categories 1 and 2), use a rolling pattern approved by the Engineer.

Use hand tamps or other satisfactory means to compact areas which are inaccessible to a roller, such as areas adjacent to curbs, headers, gutters, bridges, manholes, etc.

334-5.9 Joints.

334-5.9.1 Transverse Joints: Construct smooth transverse joints, which are within 3/16 inch of a true longitudinal profile when measured with a 15 foot manual straightedge.

334-5.9.2 Longitudinal Joints: For all layers of pavement except the leveling course, place each layer so that longitudinal construction joints are offset 6 to 12 inches laterally between successive layers. Do not construct longitudinal joints in the wheelpaths. The Engineer may waive these requirement where offsetting is not feasible due to the sequence of construction.

334-5.10 Surface Requirements: Construct a smooth pavement with good surface texture and the proper cross-slope.

334-5.10.1 Texture of the Finished Surface of Paving Layers: Produce a finished surface of uniform texture and compaction with no pulled, torn, raveled, crushed or loosened portions and free of segregation, bleeding, flushing, sand streaks, sand spots, or ripples. Correct any area of the surface that does not meet the foregoing requirements in accordance with 334-5.10.4.

334-5.10.2 Cross Slope: Construct a pavement surface with cross slopes in compliance with the requirements of the Contract Documents.

334-5.10.3 Pavement Smoothness: Construct a smooth pavement meeting the requirements of this Specification. Furnish a 15 foot manual and a 15 foot rolling straightedge meeting the requirements of FM 5-509. Make them available at the job site at all times during paving operations for Asphalt Work Category 3 and make them available upon request of the Engineer for Asphalt Work Categories 1 and 2.

334-5.10.3.1 Asphalt Work Category 3:

334-5.10.3.1.1 Acceptance Testing: Straightedge the final Type SP structural layer and friction course layer with a rolling straightedge. Test all

pavement lanes where the width is constant using a rolling straightedge and document all deficiencies on a form approved by the Engineer. Notify the Engineer of the location and time of all straightedge testing a minimum of 48 hours before beginning testing.

334-5.10.3.1.2 Rolling Straightedge Exceptions: Testing with the rolling straightedge will not be required in the following areas: intersections, tapers, crossovers, parking lots and similar areas. In addition, testing with the rolling straightedge will not be performed on the following areas when they are less than 50 feet in length: turn lanes, acceleration/deceleration lanes and side streets. However, correct any individual surface irregularity in these areas that deviates from the plan grade in excess of 3/8 inch as determined by a 15 foot manual straightedge, and that the Engineer deems to be objectionable, in accordance with 334-5.10.4. The Engineer may waive or modify straightedging requirements if no milling, leveling, overbuild or underlying structural layer was placed on the project and the underlying layer was determined to be exceptionally irregular.

334-5.10.3.1.3 Final Type SP Structural Layer: Straightedge the final Type SP structural layer with a rolling straightedge behind the final roller of the paving train. Correct all deficiencies in excess of 3/16 inch in accordance with 334-5.10.4.2, and retest the corrected areas.

334-5.10.3.1.4 Friction Course Layer: At the completion of all paving operations, straightedge the friction course. Correct all deficiencies in excess of 3/16 inch in accordance with 334-5.10.4.3. Retest all corrected areas.

334-5.10.3.2 Asphalt Work Categories 1 and 2: If required by the Engineer, straightedge the final structural layer with a rolling straightedge, either behind the final roller of the paving train or as a separate operation. Correct all deficiencies in excess of 5/16 inch in accordance with 334-5.10.4.2. Retest all corrected areas. If the Engineer determines that the deficiencies on a bicycle path are due to field geometrical conditions, the Engineer will waive corrections with no deduction to the pay item quantity.

334-5.10.4 Correcting Unacceptable Pavement:

334-5.10.4.1 General: Correct all areas of unacceptable pavement at no additional cost.

334-5.10.4.2 Structural Layers: Correct deficiencies in the Type SP structural layer by one of the following methods:

a. Remove and replace the full depth of the layer, extending a minimum of 50 feet on either side of the defective area for the full width of the paving lane.

b. Mill the pavement surface to a depth and width that is adequate to remove the deficiency. (This option only applies if the structural layer is not the final surface layer.)

334-5.10.4.3 Friction Course: Correct deficiencies in the friction course layer by removing and replacing the full depth of the layer, extending a minimum of 50 feet on either side of the defective area for the full width of the paving lane. Corrections may be waived if approved by the Engineer.

334-6 Acceptance of the Mixture.

334-6.1 General: The asphalt mixture will be accepted based on the Asphalt Work Category as defined below:

1) Asphalt Work Category 1 – Certification by the Contractor as defined in 334-6.2.

2) Asphalt Work Category 2 – Certification and quality control testing by the Contractor as defined in 334-6.3

3) Asphalt Work Category 3 – Quality control testing by the Contractor and acceptance testing by the Engineer as defined in 334-6.4.

334-6.2 Certification by the Contractor: On Asphalt Work Category 1 construction, the Engineer will accept the mix on the basis of visual inspection. Submit a Notarized Certification of Specification Compliance letter on company letterhead to the Engineer stating that all material produced and placed on the project was in substantial compliance with the Specifications. The Engineer may run independent tests to determine the acceptability of the material.

334-6.3 Certification and Quality Control Testing by the Contractor: On Asphalt Work Category 2 construction, submit a Notarized Certification of Specification Compliance letter on company letterhead to the Engineer stating that all material produced and placed on the project was in substantial compliance with the Specifications, along with supporting test data documenting all quality control testing as described in 334-6.3.1. If so required by the Contract, utilize an Independent Laboratory as approved by the Engineer for the quality control testing. The mix will also require visual acceptance by the Engineer. In addition, the Engineer may run independent tests to determine the acceptability of the material.

334-6.3.1 Quality Control Sampling and Testing Requirements: Perform quality control testing at a frequency of once per day. Obtain the samples in accordance with FDOT Method FM 1-T 168. Test the mixture at the plant for gradation (P_{-8} and P_{-200}) and asphalt binder content (P_b). Test the mixture on the roadway for density using six-inch diameter roadway cores obtained at a frequency of three cores per day.

Determine the asphalt content of the mixture in accordance with FM 5-563. Determine the gradation of the recovered aggregate in accordance with FM 1-T 030. Determine the roadway density in accordance with FM 1-T 166. The minimum roadway density will be based on the percent of the maximum specific gravity (Gmm) from the approved mix design. If the Contractor or Engineer suspects that the mix design Gmm is no longer representative of the asphalt mixture being produced, then a new Gmm value will be determined from plant-produced mix with the approval of the Engineer. Roadway density testing will not be required in certain situations as described in 334-6.4.1. Assure that the asphalt content, gradation and density test results meet the criteria in Table 334-3.

Table 334-3
Quality Control and Acceptance Values

Characteristic	Tolerance
Asphalt Binder Content (percent)	Target ± 0.55
Passing No. 8 Sieve (percent)	Target ± 6.00
Passing No. 200 Sieve (percent)	Target ± 2.00
Roadway Density (average of three cores)	91.5% Gmm
Roadway Density (any single core)	90.0 % Gmm

334-6.4 Quality Control Testing by the Contractor and Acceptance Testing by the Engineer: On Asphalt Work Category 3, perform quality control testing as described in 334-6.3.1. In addition, the Engineer will accept the mixture at the plant with respect to gradation (P_{-8} and P_{-200}) and asphalt binder content (P_b). The mixture will be accepted on the roadway with respect to density. The Engineer will sample and test the material as described in 334-6.3.1. The Engineer will randomly obtain at least one set of samples per day. Assure that the asphalt content, gradation and density test results meet

the criteria in Table 334-3. Material failing to meet these acceptance criteria will be addressed as directed by the Engineer.

334-6.4.1 Acceptance Testing Exceptions: When the total quantity of any mix type in the Project is less than 500 tons, or on Asphalt Work Category 1 construction, the Engineer will accept the mix on the basis of visual inspection. The Engineer may run independent tests to determine the acceptability of the material.

Density testing for acceptance will not be performed on widening strips or shoulders with a width of 5 feet or less, variable thickness overbuild courses, leveling courses, first lift of asphalt base course placed on subgrade, miscellaneous asphalt pavement, or any course with a specified thickness less than 1 inch or a specified spread rate less than 100 lbs/sy. In addition, density testing for acceptance will not be performed on the following areas when they are less than 1,000 feet in length: crossovers, intersections, turning lanes, acceleration lanes, deceleration lanes, or ramps. Compact these courses in accordance with a standard rolling procedure approved by the Engineer. In the event that the rolling procedure deviates from the approved procedure, placement of the mix will be stopped.

334-7 Method of Measurement.

For the work specified under this Section, the quantity to be paid for will be the weight of the mixture, in tons.

The bid price for the asphalt mix will include the cost of the liquid asphalt or the asphalt recycling agent and the tack coat application as specified in 334-5.5.4. There will be no separate payment or unit price adjustment for the asphalt binder material in the asphalt mix.

334-8 Basis of Payment.

334-8.1 General: Price and payment will be full compensation for all the work specified under this Section.

DIVISION W

BID FORMS

By Signing This Bid the Bidder Attests and Certifies That:

1. It has read and completely understands the SPECIAL BIDDING NOTICE section in the specifications.
2. It satisfies all legal requirements (as an entity) to do business with the County.
3. The undersigned bidder acknowledges that award of a contract may be contingent upon a determination by the County that the bidder has the capacity and capability to successfully perform the contract.
4. The bidder hereby certifies that it understands all requirements of this solicitation, and that the undersigned individual is duly authorized to execute this bid document and any contract(s) and/or other transactions required by award of this solicitation.

General Bidder Information and Bid Signature:

Firm Name: D.A.B. Constructors Inc.

Street Address: P.O. Box 1589 Inglis, FL 34449

Mailing Address (if different): _____

Telephone No.: 352 447 5488 Fax No. 352 447 4133

FEIN No. 65 - 0026542 Email: billb@dabcon.com

Signature: _____ Date: 11/6/09

Print Name: William J. Bachschmidt, Vice President Title: _____

The undersigned further agrees to execute the Contract within ten (10) calendar days after receipt of notice of award, and within the time frame of Division X.
The undersigned further agrees to bear the full cost of maintaining all work until the final acceptance.
The undersigned further declares that his Bid is based on specifications as modified by the following Addenda:

Addendum No. 1 Dated 10/23/09 Addendum No. _____ Dated _____
Addendum No. 2 Dated 10/26/09 Addendum No. _____ Dated _____