

**Lee County Board Of County Commissioners**  
**Agenda Item Summary**

Blue Sheet No. 20021154

**1. REQUESTED MOTION:**

**ACTION REQUESTED:** Approve Supplemental Task Authorization (STA) No. 4 to Hole Monters Inc. for CN-00-04 MISCELLANEOUS CIVIL ENGINEERING DESIGN AND/OR INSPECTION SERVICES (Contract No. 1461) for Imperial Street Improvements four laning Bonita Beach Road to East Terry Street in the amount of \$150,691.00.

**WHY ACTION IS NECESSARY:** Pursuant to the Lee County Contract Manual, approved by the Board on September 25, 2001, the Board is required to approve all Supplemental Task Authorizations in excess of \$50,000.00 to Professional Services Agreements.

**WHAT ACTION ACCOMPLISHES:** The Consultant shall complete additional work for the project known as Imperial Street four laning from Bonita Beach Road to East Terry Street.

**2. DEPARTMENTAL CATEGORY:**

09 Transportation

COMMISSION DISTRICT #:

*C9C*

**3. MEETING DATE:**

*10-29-2002*

**4. AGENDA:**

☒ **CONSENT**  
☐ **ADMINISTRATIVE**  
☐ **APPEALS**  
☐ **PUBLIC**  
☐ **WALK ON**  
**TIME REQUIRED:**

**5. REQUIREMENT/PURPOSE:**  
*(Specify)*

☐ **STATUTE**  
☐ **ORDINANCE**  
☒ **ADMIN. CODE** *AC-4-4*  
☐ **OTHER**

**6. REQUESTOR OF INFORMATION:**

**A. COMMISSIONER**  
**B. DEPARTMENT** *Transportation*  
**C. DIVISION**  
**BY:** *Scott Gilbertson, Director*

**7. BACKGROUND:**

On October 30, 2001, the Board approved Supplemental Task Authorization (STA) No. 2 in the amount of \$377,488.00, for engineering and design services for Imperial Street from Bonita Beach Road to East Terry Street. Then on March 4, 2002, Supplemental Task Authorization (STA) No. 3 was approved for additional services in the amount of \$7,100.00.

The Department of Transportation is requesting the Board approve Supplemental Task Authorization (STA) No. 4 to Hole Montes Inc. under CN-00-04 MISCELLANEOUS CIVIL ENGINEERING DESIGN AND/OR INSPECTION SERVICES, for the purpose of providing for changes and additional services for the Imperial Street four laning from Bonita Beach Road to East Terry Street, in the amount of \$150,691.00, for a total contract amount for consulting services of \$535,279.00

Funds will be available from account string: 20406018808.506510

Attachments: Two (2) Supplemental Task Authorization Forms from Hole Montes Inc.

**8. MANAGEMENT RECOMMENDATIONS:**

**9. RECOMMENDED APPROVAL:**

A Department Director	B Purchasing or Contracts	C Human Resources	D Other	E County Attorney	F Budget Services				G County Manager
					OA	OM	Risk	GC	
<i>10/10/02</i> <i>[Signature]</i>	<i>10/17/02</i> <i>[Signature]</i>	N/A	<i>10/15/02</i> <i>[Signature]</i>	<i>[Signature]</i> <i>[Signature]</i>	<i>shw</i> <i>10-15-02</i>	<i>[Signature]</i> <i>10/17</i>	<i>[Signature]</i> <i>10/17/02</i>	<i>[Signature]</i> <i>10/14/02</i>	<i>[Signature]</i> <i>10-14-02</i>

**10. COMMISSION ACTION:**

☐ **APPROVED**  
☐ **DENIED**  
☐ **DEFERRED**  
☐ **OTHER**

RECEIVED BY COUNTY ADMIN. <i>E</i>	Rec. by Comtly
<i>10-15-02</i>	Date: <i>10/15/02</i>
<i>2:30</i>	Time: <i>2:25 PM</i>
COUNTY ADMIN.	
FORWARDED TO:	Forwarded To:
<i>10/17/02</i>	<i>Ch. Admin</i>
	<i>10-15-02 2:30 PM</i>

**LEE COUNTY PROFESSIONAL SERVICE/SERVICE PROVIDER AGREEMENT  
CHANGE ORDER/SUPPLEMENTAL TASK AUTHORIZATION**

☐ Change Order  
☒ Supplemental Task Authorization

NO.: 4

(A Change Order or Supplemental Task Authorization Requires Approval by the Department Director for Expenditures Under \$25,000 or Approval by the County Manager for Expenditures Between \$25,000 and \$50,000 or Approval by the Board of County Commissioners for Expenditures over \$50,000)

CONTRACT/PROJECT NAME: MISCELLANEOUS CIVIL ENGINEERING AND/OR INSPECTIN SERVICES  
CN-00-04 IMPERIAL STREET IMPROVEMENTS FOUR LANING BONITA  
BEACH ROAD TO EAST TERRY STREET

CONSULTANT: Hole Montes, Inc. PROJECT NO.: 4060

SOLICIT NO.: CN-00-04 CONTRACT NO.: 1461 ACCOUNT NO.: 20406018808  
506570

REQUESTED BY: Department of Transportation DATE OF REQUEST: 9/13/02

Upon the completion and execution of this Change Order or Supplemental Task Authorization by both parties the Consultant/Provider is authorized to and shall proceed with the following:

EXHIBIT "CO/STA-A: SCOPE OF PROFESSIONAL SERVICE:	DATED: <u>9/13/02</u>
EXHIBIT "CO/STA-B: COMPENSATION & METHOD OF PAYMENT:	DATED <u>9/13/02</u>
EXHIBIT "CO/STA-C: TIME AND SCHEDULE OF PERFORMANCE:	DATED <u>9/13/02</u>
EXHIBIT "CO/STA-D: CONSULTANT'S/PROVIDERS ASSOCIATED SUB-CONSULTANT(S)/SUB-CONTRACTORS:	DATED <u>9/13/02</u>
EXHIBIT "CO/STA-E: PROJECT GUIDELINES AND CRITERIA:	DATED <u>9/13/02</u>

It is understood and agreed that the acceptance of this modification by the CONSULTANT/PROVIDER constitutes an accord and satisfaction.

RECOMMENDED:	ACCEPTED	COUNTY APPROVAL
By: <u>[Signature]</u> <u>10/2/02</u> Department Director Date	By: <u>[Signature]</u> Consultant/Provider	By: _____ Department Director (Under \$25,000) Date Approved: _____
By: <u>[Signature]</u> <u>9/25/02</u> Contracts Mgmt Date	Date Accepted: <u>9/13/02</u>	
APPROVED:	Corporate Seal	By: _____ County Manager (Between \$25,000 and under \$50,000) Date Approved: _____
By: _____ *County Attorney's Office Date *County Attorney signature needed for <b>over</b> Board level expenditures only.		By: _____ Chairman Board of County Commissioners Date Approved: _____

- ☐ CHANGE ORDER AGREEMENT No.  
or  
☒ SUPPLEMENTAL TASK AUTHORIZATION No. 4

EXHIBIT "CO/STA-A"

Date: 09/13/02

SCOPE OF PROFESSIONAL SERVICES

For MISCELLANEOUS CIVIL ENGINEERING AND/OR INSPECTION SERVICES CN-00-04  
IMPERIAL STREET IMPROVEMENTS FOUR LANING BONITA BEACH ROAD TO EAST  
TERRY STREET

(ENTER Project Name form Page 1 of the  
Change Order or Supplemental Task Authorization)

SECTION 1.00 CHANGE(S) TO PROFESSIONAL SERVICES

The "Scope of Professional Services" as set forth in Exhibit "A" of the Professional Services Agreement, or Service Provider Agreement, referred to hereinbefore is hereby supplemented, change or authorized, so that the CONSULTANT or SERVICE PROVIDER, shall provide and perform the following professional services, tasks, or work as a supplement to, change to, or authorized to, the scope of services previously agreed to and authorized.

This Supplemental Task Authorization (STA) No. 4 provides changes and supplemental services under "CN-00-04 Miscellaneous Civil Engineering and /or Inspection Services". STA No. 4 changes and supplements the following task authorizations under "CN-00-04 Miscellaneous Civil Engineering and /or Inspection Services": STA No. 3 for Imperial Street Improvements Four Laning Bonita Beach Road To East Terry Street dated March 19, 2002 and STA No. 2 for Imperial Street Improvements Four Laning Bonita Beach Road To East Terry Street dated November 5, 2001.

The CONSULTANT shall complete additional work for the Imperial Street Four Laning from Bonita Beach Road to East Terry Street, as follows.

SECTION 2.00 TASKS

Pursuant to the GENERAL SCOPE of the SERVICES stated hereinabove, the PROVIDER shall perform all services and/or work necessary to complete the following task(s) and/or provide the following item(s) which are enumerated to correspond to the task(s) and/or item(s) set forth in EXHIBIT "B", entitled "COMPENSATION AND METHOD OF PAYMENT"

## EXHIBIT A

Date August 7, 2002

### AMENDMENTS TO SCOPE OF SERVICES

#### IMPERIAL STREET FOUR LANING (BONITA BEACH ROAD TO EAST TERRY STREET)

##### TASK 2.00 - ENGINEERING AND LAND SURVEYS

###### Task 2.04 River Mapping Survey

The purpose of the river mapping survey will be to provide engineering and land surveys necessary to establish the dimensions of the Imperial River and hydraulic structures at selected intervals within the model limits, and obtain topography, cross sections for existing and proposed drainage systems. This information will be used as a basis for building a hydraulic model to be used in TASK 12.00. The survey will cover approximately three river miles (Imperial River STA 234+00± to STA 421+00±). Cross sections will be surveyed at approximately every 1,000 feet and at every hydraulic structure (bridge, culvert, etc.).

##### TASK 3.00 – GEOTECHNICAL SURVEYS

###### Task 3.01 Soil Borings and Laboratory - Testing

- a) Soil Auger Borings shall be obtained at locations directed by the Consultant along the adopted alignment. Auger Borings with soil classifications shall be a minimum of 5 feet deep at no less than 200' intervals and a minimum of 15' deep at no less than 600' intervals. All auger borings are to stop if rock is encountered. Four (4) deep borings approximately 100' in depth will be completed beneath to establish engineering information in design of the bridge.

##### TASK 7.00 - ROADWAY AND BRIDGE PLANS

###### Task 7.01 Grades and Geometrics (30%)

The CONSULTANT shall submit to the COUNTY six (6) sets of plans (11" x 17"). The plans shall depict existing topographical features, existing right-of-way and easement lines, and shall contain the following:

- a) Plan and Profile Sheets (1" = 40').
- b) Existing project cross-section, (100' intervals) including cross-sections at all roadway and drive intersections.
- c) Drainage maps depicting existing drainage areas, existing drainage structures, and existing flow patterns (1" = 200').

- d) Proposed typical section or sections.
- e) Proposed preliminary intersection geometry.
- f) Proposed preliminary vertical alignment.
- g) Proposed preliminary median openings and any potential driveway/access problems
- h) Proposed preliminary additional right-of-way.
- i) Proposed roadway drainage facilities and conceptual stormwater quality treatment facilities.
- j) Proposed access management plan.
- k) A bridge development report (BDR) for the final alignment.

Task 7.02 Basic Plans (60%)

The CONSULTANT shall submit to the COUNTY six (6) sets of plans (11" x 17"). The submittal shall contain all the information from the 30% Review including significant alignment revisions as directed by COUNTY after public involvement meetings and shall reflect development of:

- a) Design Cross Sections, (100' intervals) including cross sections at all roadway and drive intersections.
- b) Storm Drainage System
- c) Drainage Structures and Drainage Outfalls.
- d) Not used.
- e) Draft Construction Phasing Plan
- f) Bridge Foundation, Substructure, Superstructure and Approach Slab Plans
- g) Reports and calculations required to document design decisions reached during development of plans.

The submittal shall include all drainage calculations, storm water attenuation/detention requirements, storm sewer tabulation sheets, and a BUDGET ESTIMATE of the cost of constructing the project. All known utility conflicts shall be identified and the CONSULTANT shall notify affected utilities in accordance with Task 8.00, Utility Relocation Plan.

Task 7.03 Detail Plans (90%)

The CONSULTANT shall submit six (6) sets of plans (11" x 17") along with two (2) sets of

draft bid documents including technical specifications to the COUNTY for review. The plan will incorporate significant alignment revisions as directed by COUNTY after public involvement meetings and bridge plans as set forth in Exhibit E. The plans shall be complete construction plans including a plan for construction phasing, drainage structure "isometric" sheets and utility adjustments with the exception that quantity computation booklet and summary of quantities of all items required for the construction of the project will be made a part of the final contract document (Task 14.00). Reports and calculations required to document design decisions reached during the development of plans shall be submitted along with the plans.

The draft bid documents shall be reviewed by the COUNTY'S Department of Transportation, Purchasing Services, Legal Department, and Division of Risk Management for compliance with the County's procurement policies and practices, insurance requirements, and other regulations or requirements.

## TASK 9.00 - RIGHT-OF-WAY MAPS

### Task 9.03 Legal Descriptions and Parcel Sketches

- a) Two (2) copies of a legal description and parcel sketch of each parent tract, acquisition parcel and remainder parcel required for right-of-way, mitigation/jurisdictional areas, drainage easement, construction easement or combination thereof shall be provided by the CONSULTANT at an appropriate scale, on 8-1/2" x 14" pages. It is estimated that there are 75 parcels adjacent to the alignment and that 43 parcels will be affected by the project. It is further estimated that partial takes will be required for up to 25 parcels with the remainder to be whole takes. For fee estimating purposes, it is assumed that 25 legal description and parcel sketches will be required. It is assumed that a legal description and parcel sketch will not be required for whole takes.

Legal descriptions and sketches shall be submitted within thirty (30) calendar days subsequent to County approval of final right-of-way maps.

Temporary construction easement agreements will be utilized for construction access outside of right-of-way limits. Completed agreement forms will be provided by the COUNTY with the exception that CONSULTANT will add to the agreement a description of each parcel to be affected. The agreement does not require an accompanying sketch and need not be signed or sealed. For fee estimating purposes, it is assumed that 20 such agreements will be required.

- b) Two (2) copies of a boundary survey of each acquisition parcel shall be provided by the CONSULTANT at an appropriate scale, on 11" x 17" pages. It is estimated that there are 59 parcels that will require acquisition due to the project. It is further estimated that partial takes will be required for up to 25 parcels with the remainder to be whole takes. For fee estimating purposes, it is assumed that 25 taking surveys will be required. The following fee schedule will be used:

Parcels 302-314, 320-332, 400-401:

\$350

Parcels 315-316, 318, 333-338, 505-510, 527-533:	\$550
Parcel 317:	\$2475
Unlisted Parcels:	\$650

It is assumed that a taking survey will not be required for whole takes.  
Taking survey drawings shall be submitted within ninety (90) calendar days subsequent to County approval of final right-of-way maps.

#### Task 9.04 Right-of-Way Monumentation

- a) Monument and reference final right-of-way lines throughout project according to FDOT procedures.
- b) Assign coordinates to each right-of-way monument based on the state plane coordinate system and record on final right-of-way maps.

#### Task 9.05 MHW Elevation Survey and Filing

The CONSULTANT shall furnish a mean high water survey and provide appropriate documentation to the Florida Department of Environmental Protection (DEP) and COUNTY. A determination has been made by DEP that the area of the Imperial River in the region of the project is classified as sovereign submerged lands. It is understood through DEP that a mean high water tidal determination will not be required. CONSULTANT shall establish one tidal benchmark in the vicinity of the right of way on the bank of the Imperial River, establish and tie the survey to a horizontal control line, and identify and mark the location of the mean high water elevation along the Imperial River. The mean high water elevation line will be extended to the proposed right-of-way boundaries. Two (2) 24" x 36" sized copies of a Mean High Water Survey drawing of will be provided to COUNTY for use as a boundary survey, in addition to those required and provided by CONSULTANT to DEP. The drawings will be in accordance with DEP requirements.

### TASK 10.00 - SIGNALIZATION AND INTERSECTION LIGHTING PLANS

#### Task 10.01 Signal Warrant Analysis and Pedestrian/School Crossing Counts

- a) A signal warrant analysis of the intersection of Imperial Street and East Terry Street will be prepared in accordance with the criteria in the Manual on Uniform Traffic Control Devices.
- b) A signal warrant analysis of the intersection of Imperial Street and Dean Street will be prepared in accordance with the criteria in the Manual on Uniform Traffic Control Devices. Mechanical vehicle counts will be performed at Pendleton, McKenna, Saunders, Pawley, and Chapman Avenues to account for future access restrictions on Imperial Street.
- c) Counts will be performed at Imperial Street and Dean Street to determine the number of pedestrians and school children crossing Dean Street at the intersection with Imperial Street. This information will be used to determine if the criteria of Warrant 4 or Warrant 5 of the MUTCD is met. Currently, Imperial

Street is a two-lane roadway and pedestrians can cross at several intersections at or near Dean Street. When Imperial Street becomes a four-lane cross-section with sidewalks, Dean Street will become a major pedestrian crossing. Future counts may be more indicative of actual pedestrian patterns once the improvements to Imperial are constructed. Therefore, the counts may be performed in the future, depending on the results of analysis 10.01 b), above. Pedestrian Counts will be taken only when school is in session.

## TASK 12.00 - FEMA FLOOD ELEVATION STUDY

### Task 12.01 No-Rise Determination

The CONSULTANT shall model the Imperial River from the CSX Railroad Bridge downstream of SR887 (old US41) to the limit of the existing study at Bonita Grande Drive using the HEC-RAS computer hydraulic model, and apply this model to proposed project conditions, including the addition of a bridge at Imperial Street. This covers approximately three river miles (Imperial River STA 234+00± to STA 421+00±). A digital elevation model (DEM) will be created from digital contour data supplied by COUNTY. Flowlines, channel centerlines and banks will be established using GIS coverages. CONSULTANT will use existing hydrologic data from the model supplied by COUNTY to model the 100-year flood event using appropriate FEMA techniques. CONSULTANT will map the 100-year floodplain and floodway for the study reach according to FEMA Guidelines and Specifications. CONSULTANT will apply the effective model with the addition of a bridge structure at Imperial Street. Up to three (3) bridge alternatives will be modeled. The results of each bridge alternative will be evaluated for revisions to minimize impacts to flood elevations. CONSULTANT will meet with COUNTY to discuss the model and floodplain mapping results, and provide the final model, including proposed structure, to COUNTY. Approved FEMA floodway modeling techniques will be applied to the selected designs to determine if proposed conditions will meet FEMA "no-rise" criteria. If the selected design meets FEMA "no-rise" criteria, appropriate certification will be made to FEMA. Task 12.02 will not be required in this case. If the selected design does not meet "no-rise" criteria, Task 12.02 will be completed. Analysis and documentation prepared in this subtask will be used to provide a basis for the work in Task 12.02.

### Task 12.02 Letter of Map Change

The CONSULTANT shall prepare a FEMA Letter of Map Change (LOMC) if modeling completed in task 12.01 does not support a "no-rise" determination. CONSULTANT shall prepare documentation and mapping for a LOMC including revisions to flood elevations, and showing the associated floodplain and floodway and provide this to FEMA. The 100-year flood boundary will be mapped on the most current contour map supplied by COUNTY. COUNTY will be responsible for FEMA processing fees for the LOMC, estimated to be \$3,500.

## TASK 14.00 - FINAL BIDDING AND CONTRACT DOCUMENTS

Once the final roadway plans, and signing and pavement marking plans or other plans have been approved by the COUNTY and the COUNTY has received the needed permits, a final set of bidding and contract documents will be prepared for the construction of the improvement. This task will include the



following:

- Task 14.01 Final roadway and bridge plans as set forth in Exhibit E, a quantity computation booklet and summary of quantities, and CONSTRUCTION COST ESTIMATE.
- Task 14.02 Final signing and pavement marking plans and signalization and lighting plans, summary of quantities, and CONSTRUCTION COST ESTIMATE.
- Task 14.03 Special provisions and other appropriate contract documents for roadway and bridge plans and specifications set forth in Exhibit E, to incorporate Florida Department of Transportation Specifications, U.S. Army Corps of Engineers, Department of Environmental Protection, and South Florida Water Management District requirements in the bid documents. Combine these special conditions and technical specifications with the COUNTY provided contract boilerplate. Special conditions to include certifications required by the CONTRACTOR to abide by all permit requirements and conditions.
- Task 14.04 Complete bidding and contract documents ready for bid including all forms, general conditions, all approved permits, and other material required by the Lee County Purchasing Manual, the County Contract Services, Legal Department and Risk Management.
- Task 14.05 Provide the COUNTY with three (3) sets of signed and sealed contract documents for the COUNTY records with electronic file disks compatible to the County system. All final plans are to be 11" x 17". The COUNTY will produce plans sets and contract document booklets for distribution during bidding.

- ☐ CHANGE ORDER AGREEMENT No.  
or  
☒ SUPPLEMENTAL TASK AUTHORIZATION No. 4

EXHIBIT "CO/STA-B"

Date: 09/13/02

COMPENSATION AND METHOD OF PAYMENT

for MISCELLANEOUS CIVIL ENGINEERING AND/OR INSPECTION SERVICES CN-00-04 IMPERIAL  
STREET IMPROVEMENTS FOUR LANING BONITA BEACH ROAD TO EAST TERRY STREET

(ENTER Project Name form Page 1 of the  
Change Order or Supplemental Task Authorization)

SECTION 1.00      CHANGE(S) IN COMPENSATION

The compensation the CONSULTANT, or SERVICE PROVIDER, shall be entitled to receive for providing and performing the supplemented, changed or authorized services, tasks, or work as set forth and enumerated in the Scope of Services set forth in this CHANGE ORDER OR SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT, Exhibit "CO/STA-A", attached hereto shall be as follows:

Note: A Lump Sum (L.S.) or Not-to-Exceed (N.T.E.) amount of compensation to be paid the CONSULTANT should be established and set forth below for each task or sub-task described and authorized in Exhibit "S/COA-A". In accordance with Professional Services Agreement Article 5.03(2) "method of Payment", tasks to be paid on a Work-in-Progress payment basis should be identified (W.I.P.P.).

Task Number	Task Title	Amount of Compensation	Indicate Basis of Compensation LS or NTE	If Applicable indicate (W.I.P.P.)
2.04	RIVER MAPPING SURVEY	\$ 26,500.00	NTE	W.I.P.P.
3.01	SOIL BORINGS AND LABORATORY TESTING	2,964.00	NTE	W.I.P.P.
7.01	GRADES AND GEOMETRICS (30%) <sup>1</sup>	14,820.00	NTE	W.I.P.P.
7.02	BASIC PLANS (60%) <sup>2</sup>	23,450.00	NTE	W.I.P.P.
7.03	DETAIL PLANS (90%) <sup>3</sup>	15,500.00	NTE	W.I.P.P.
9.03	LEGAL DESCRIPTIONS AND PARCEL SKETCHES	16,175.00	NTE	W.I.P.P.
9.04	RIGHT-OF-WAY MONUMENTATION	6,500.00	NTE	W.I.P.P.
9.05	MHW ELEVATION SURVEY AND FILING	6,239.00	NTE	W.I.P.P.
10.01	SIGNAL WARRANT ANALYSIS	4,643.00	NTE	W.I.P.P.
12.01	RIVER MODELING AND NO-RISE DETERMINATION	28,948.00	NTE	W.I.P.P.
12.02	CLOMR STUDY (NOT INCLUDING FEMA FEES)	2,452.00	NTE	W.I.P.P.
14.01	ROADWAY AND BRIDGE PLANS <sup>3</sup>	1,800.00	NTE	W.I.P.P.
14.03	TECHNICAL SPECIFICATIONS/SPECIAL PROVISIONS <sup>4</sup>	700.00	NTE	W.I.P.P.
TOTAL (Unless list is continued on next page)		\$150,691.00		

<sup>1</sup> Includes bridge development report

<sup>2</sup> Includes roadway and bridge plan preparation

<sup>3</sup> Includes bridge plan preparation

<sup>4</sup> Includes bridge specifications/special provisions preparation

- ☐ CHANGE ORDER AGREEMENT No.  
or  
☒ SUPPLEMENTAL TASK AUTHORIZATION No. 4

SECTION 2.00     SUMMARY OF CHANGE(S) IN COMPENSATION

Pursuant to and in consideration of the change(s) in the Scope of Professional Services set forth in the CHANGE ORDER OR AGREEMENT, Exhibit "CO/STA-A", the compensation the COUNTY has previously agreed to pay to the CONSULTANT, or SERVICE PROVIDER, as set forth in Exhibit "B" of the Professional Services Agreement, or Service Provider Agreement, shall be changed to be as follows:

Section/Task Number	Section/Task Name	Compensation In the Basic Agreement	Adjustment(s) by Previous CO or STA Nos. 1 & 2, 3	Adjustment(s) Due to this CO or STA	Summary of Changed Compensation
STA 1 & 2	Imperial Street Improvements..., Tasks 1.00 to 16.00	\$ 0.00	\$ 422,488.00	--	--
STA 3	Imperial Street Improvements..., Tasks 1.00 to 16.00	\$ 0.00	\$ 7,100.00	--	--
STA 4	Imperial Street Improvements..., Tasks 1.00 to 16.00	\$ 0.00	--	\$150,691.00	\$ 580,279.00
TOTAL		\$ 0.00	\$429,588.00	\$150,691.00	\$580,279.00

- ☐ CHANGE ORDER AGREEMENT No.  
or  
☒ SUPPLEMENTAL TASK AUTHORIZATION No. 4

EXHIBIT "CO/STA-C"

Date: 09/13/02

TIME AND SCHEDULE OF PERFORMANCE

for MISCELLANEOUS CIVIL ENGINEERING AND/OR INSPECTION SERVICES CN-00-04  
IMPERIAL STREET IMPROVEMENTS FOUR LANEING BONITA BEACH ROAD TO EAST TERRY  
STREET

(Enter Project Name form Page 1 of the  
Change Order or Supplemental Task Authorization)

SECTION 1.00      CHANGES FOR THIS CHANGE ORDER OR SUPPLEMENTAL TASK  
AUTHORIZATION AGREEMENT

The time and schedule of completion for the various phases or tasks required to provide and perform the services, tasks, or work set forth in this CHANGE ORDER or SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT, Exhibit "CO/STA-A", entitled "Scope of Professional Services" attached hereto is as follows:

Phase and/or Task Reference as Enumerated in EXHIBIT A	Name or Title of Phase and/or Task	Number of Calendar Days For Completion of Each Phase and/or Task	Cumulative Number of Calendar Days For Completion from Date of Notice to Proceed For this CO or STA
Task 2.00	Engineering Surveys	40/40	40
Task 3.00	Geotechnical Surveys	60/60	60
Task 7.00	Roadway & Bridge Plans	150/150	150
Task 9.00	Right-of-Way Maps	180/180	180
Task 10.00	Signalization & Intersection Lighting Plans	80/150	150
Task 12.01	FEMA Flood Elevation Study	70/70	70

- ☐ CHANGE ORDER AGREEMENT No.  
or  
☒ SUPPLEMENTAL TASK AUTHORIZATION No. 4

EXHIBIT "CO/STA-D"

Date: 09/13/02

CONSULTANT'S OR SERVICE PROVIDER'S, ASSOCIATED SUB-CONSULTANT(S) AND  
SUBCONTRACTOR(S)

for MISCELLANEOUS CIVIL ENGINEERING AND/OR INSPECTION SERVICES CN-00-04  
IMPERIAL STREET IMPROVEMENTS FOUR LANING BONITA BEACH ROAD TO EAST TERRY  
STREET

(Enter Project Name from Page 1 of the  
Change Order or Supplemental Task Authorization)

CONSULTANT, or SERVICE PROVIDER, intends to engage the following sub-consultant(s) and/or sub-contractor(s) to assist the CONSULTANT, or SERVICE PROVIDER, in providing and performing the services, tasks, or work required under this CHANGE ORDER, or SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT.

(If none, enter the word "none" in the space below).

Service and/or Work to be Provided or Performed	Name and Address of Individual or Firm	Disadvantaged, Minority or Women Business Enterprise, (If Yes, Indicate Type)			Sub-Consultant Services are Exempted from Prime Consultant's Insurance Coverage	
		Yes	No	Type	Yes	No
Geotechnical Engineering	Ardaman & Associates, Inc.		X		X	
Right of Way Mapping	James R. Coleman & Associates, Inc.		X		X	
Structural / Bridge Engineering	Jenkins & Charland, Inc.		X		X	
Traffic Engineering, Signalization and Lighting Design	Metro Transportation Group, Inc.		X		X	
FEMA Study/Mapping	Taylor Engineering, Inc.		X		X	

- ☐ CHANGE ORDER AGREEMENT No.  
or  
☒ SUPPLEMENTAL TASK AUTHORIZATION No. 4

EXHIBIT "CO/STA-E"

Date: 09/13/02

PROJECT GUIDELINES AND CRITERIA

for MISCELLANEOUS CIVIL ENGINEERING AND/OR INSPECTION SERVICES CN-00-04  
IMPERIAL STREET IMPROVEMENTS FOUR LANING BONITA BEACH ROAD TO EAST TERRY  
STREET

(Enter Project Name form Page 1 of the  
Change Order or Supplemental Task Authorization)

As a supplement, or change, to the Project Guidelines and Criteria set forth in the Professional Services Agreement, or Service Provider Agreement, Exhibit "E", the COUNTY has established the following Guidelines, Criteria, Goals, Objectives, Constraints, Schedule, Budget, and/or Requirements which shall serve as a guide to the CONSULTANT, or SERVICE PROVIDER, in performing the professional services, tasks, or work to be provided pursuant to the professional services set forth herein before in CHANGE ORDER or SUPPLEMENTAL TASK AUTHORIZATION AGREEMENT, Exhibit "CO/STA-A", attached hereto;

(If none, enter the word "none" in the space below).

**SEE FOLLOWING PAGES FOR REVISED PROJECT GUIDELINES AND CRITERIA**

## **PROJECT GUIDELINES AND CRITERIA**

### **IMPERIAL STREET FOUR LANING (BONITA BEACH ROAD TO EAST TERRY STREET)**

The COUNTY has established the following Guidelines, Criteria, Goals, Objectives, Constraints, Schedule, Budget and/or Requirements which shall serve as a guide to the CONSULTANT in performing the professional services and work to be provided pursuant to this Agreement:

The purpose of this document is to support the Project in sufficient detail that the CONSULTANT can follow the task descriptions and prepare the basis of compensation for services in sufficient detail to assure the COUNTY that all anticipated tasks necessary and the corresponding compensation required have been identified and defined by the CONSULTANT. The services provided by the CONSULTANT shall include all anticipated work necessary for the design and bidding phase of the project to ensure a complete competently designed, buildable and functional project. The services shall include all defined necessary studies and investigations, complete construction drawings, technical specifications, and contract documents, including all known necessary engineering surveys, right-of-way surveys, and maps and individual parcel survey plats and parcel descriptions, all necessary permits from the State and Federal agencies having jurisdictional authority over any aspect of the project. Should changes in design standards, unforeseen or unanticipated scope of services, environmental regulations, and permitting requirements occur after execution of this Professional Service Agreement which substantially affect the effort required, compensation for additional effort will be negotiated.

The project is that portion of the Imperial Street from Bonita Beach Road to East Terry Street, including a new bridge across the Imperial River. This portion of the project will include the design of a four lane collector roadway utilizing an urban typical section with closed drainage including a bridge across the Imperial River. The right-of-way used for roadway elements will generally not exceed 110 feet. The bridge across the Imperial River will not exceed 400 feet. The intersection of Bonita Beach Road is not included as part of this project, other than incidental design required to make a proper connection of this project to Bonita Beach Road. The design of the ultimate intersection and turn lanes required on East Terry Street at Imperial Street, approximately 1000' east and west of the Imperial Street intersection is not included in the project. Preparation of right-of-way maps for East Terry Street at Imperial Street and legal descriptions, parcel sketches, and surveys for properties abutting East Terry Street are not included in the project.

The design speed shall be 35 mph from Bonita Beach Road to East Terry Street. The typical section to be utilized for the project shall be in general conformance with the typical section prepared by David A. Plummer and Associates (copy attached).

The design of an at-grade signalized intersection at Bonita Beach Road will be provided by the COUNTY. The design of an at-grade signalized intersection at East Terry Street will be provided by the CONSULTANT. A signal warrant analysis of the Imperial Street/East Terry Street intersection and the Imperial Street/Dean Street intersection will be prepared. Traffic data and counts and pedestrian counts will be obtained by the CONSULTANT. Existing traffic data for the project location will be provided to the CONSULTANT by the COUNTY. The traffic signal support system design provided by the CONSULTANT shall be based on a strain pole/span wire assembly system.

Landscaping design services shall include a conceptual plan. Landscaping design services to prepare plans for construction shall be determined based on the landscaping components to be incorporated in the project, as may be determined by the COUNTY from the conceptual plans.

Design, plans, specifications and contract documents shall be complete in scope and detail and shall conform to the appropriate English system of units version of the Florida Department of Transportation Standard Plans Preparation Manual, Standard Specifications for Road and Bridge Construction, standards referred to and recommended in the American Association of State Highway and Transportation Officials and other Lee



County guidelines in force on the date the agreement is signed.

As a result of the construction of this project and its potential impact on the floodplain of the Imperial River, it shall be necessary to provide professional engineering services to the COUNTY for preparation of documentation and hydraulic modeling for submittal to the Federal Emergency Management Agency (FEMA). The purpose of this documentation will be to provide FEMA with the required information for a determination of the necessity to revise the National Flood Insurance Program Map(s), which include the project area or are affected by the project, and to provide such revision as necessitated by the project. Revision of the FEMA maps will require creation of a new river hydraulic model to replace the currently deficient model. Services to prepare this model will include land surveying of approximately 3.5 miles of the Imperial River. The COUNTY will provide the most recent topographic information available to CONSULTANT for creation of the new model. The completed model will be delivered in electronic format to COUNTY. The analysis will show that either 1) no FEMA revision is necessary ("no rise determination"), or 2) that a Letter of Map Change (LOMC) is required. The COUNTY will provide LOMC filing fees to FEMA, estimated at \$3,500, in the event a LOMC is required. It is assumed that a Conditional Letter of Map Revision (CLOMR) is the appropriate LOMC for purposes of this agreement.

Design shall be in accordance with provision of the County Development Standards Ordinance and will be adequate to meet permit or approval requirements for governmental agencies having jurisdiction over this project, in force on the date the Agreement is approved by the COUNTY including, but not necessarily limited to U.S. Army Corp of Engineers, U.S. Coast Guard, Florida Department of Environmental Protection, and South Florida Water Management District. Treatment of roadway run-off and prevention of erosion and siltation of adjacent wetlands during construction shall be provided. Mitigation may be necessary for any wetland areas impacted by the roadway. Detailed mitigation design is not included in this scope of services, due to the consideration of utilizing available offsite mitigation sources such as the CREW trust or permitted mitigation banks.

The CONSULTANT has obtained controlled aerial photography and digital planimetrics of the project area sufficient to define topographical (two dimensional) details along the proposed roadway for a width of 300 feet either side of the centerline.

All roadway cross-sections and existing off-site topography including driveway and street connection point vertical control are to be generated from field surveys.

Drainage structure "isometric" sheets are not required for the project.

The design time the project (Tasks 1 through 14 including permit submittal) is scheduled for 180 calendar days from notice to proceed for this amendment.

This contract assumes one progress meeting per month with the COUNTY, through design services.

Recommended updates, and additions to the County's Standard Boiler Plate Contract documents shall be provided by the CONSULTANT to the COUNTY. Master disk to be provided to the CONSULTANT by the County Contracts Division.

Level I contamination screening evaluations will be performed by the COUNTY.

The roadway contractor will be required prepare and submit a stormwater pollution prevention plan and the USEPA Notice of Intent.

The roadway contractor will be required to prepare a Maintenance of Traffic Plan for approval by the County.

It is assumed that the construction of this project will have a 12 month construction period.