

**BRIDGE REPLACEMENTS AND WIDENING OF 66TH AVENUE
FROM SOUTH OF SR 60 TO NORTH OF 57TH STREET
IRC PROJECT NUMBER 0545**

**PROFESSIONAL CIVIL ENGINEERING & STRUCTURAL ENGINEERING
SERVICES**

**AMENDMENT NO. 17 TO THE PROFESSIONAL ENGINEERING/LAND SURVEYING
SERVICES AGREEMENT BETWEEN ARCADIS US, Inc. (fka ARCADIS G&M, Inc.),
Inc. AND INDIAN RIVER COUNTY, FLORIDA.**

This is an amendment to the existing Engineering Services Agreement (AGREEMENT) dated September 6, 2005 between ARCADIS US, Inc. (ENGINEER) and Indian River County (COUNTY). This amendment addresses changes in "Section III - Scope of Services", and "Section V - Compensation".

Amendment Description

This Amendment includes the following:

"SECTION III – SCOPE OF SERVICES" is being modified as identified below.

1. Modify the Existing 53rd Street Bridge Plans to incorporate:
 - Five-lane (12-foot) cross section
West Bound – 1 Left, 1 Through, 1 Through/Right
East Bound – 2 Lanes
 - Eight-foot shoulders
 - Concrete barrier separated 8-foot sidewalk
 - Guardrail shielding of canal along south side of 53rd Street approach
2. Design mast arm signalization at the Intersection of 53rd Street and 66th Avenue including:
 - Signal Plan
 - Easement Coordination
 - Structural Analysis
 - Warrant Study
 - Utility Coordination
 - Geotechnical Testing
 - Subsurface Underground Excavation for mast arm supports
3. Modify Landscape and Irrigation Plans for medians on 66th Avenue to accommodate the expanded bridge section identified in Paragraph 1.

4. Subconsultant Coordination throughout design and permitting process
5. Modify Roadway and Signing and Marking plans to accommodate the expanded bridge section identified in Paragraph 1.
6. The preparation of a request for a Major Modification to the previously issued St Johns River Water Management District Permit. Existing Permit No. 4-061-87006-5 expired on May 12, 2019 following the completion and certification of Phase 1 of the project. The scope and fee included in this amendment is associated with the completion and submittal of a request for a modification to allow construction of Phase 2 of the project from Sta 294+93 (north of 49th Street) to Sta 354+00 (north of 57th Street).
7. Prepare Flood Plain Model request to FEMA and prepare flood plain modeling study in support of a No Rise Certification
8. Prepare a CLOMR submittal should the flood plain study not result in a No Rise Certificate (Optional if agreed to by Indian River County)

“SECTION V – COMPENSATION” is being modified to incorporate the following:

The COUNTY agrees to pay and the ENGINEER or agrees to accept for services rendered pursuant to this Agreement fees in accordance with the following:

A. Professional Services Fee

The basic compensation mutually agreed upon by the ENGINEER and the COUNTY follows:

1. Preparation of modified bridge plans (WGI)	Lump Sum	\$47,610.00
1a. Assistance with Bridge permitting (WGI)	Lump Sum	\$ 5,780.00
2. Design Mast Arm Signalization Plan (S&W)	Lump Sum	\$56,000.00
3. Modify Landscape & Irrigation Plans (Lucido)	Lump Sum	\$ 5,000.00
4. Subconsultant Coordination Fee (5%)	Lump Sum	\$ 5,719.50
5. Modify Roadway, Signing and Marking Plans	Lump Sum	\$32,150.00
6. Preparation and processing of Major Modification to SJRWMD Permit No 4-061-87006.	Lump Sum	\$ 2,850.00
7. Flood Plain Model request and preparation of Flood Plan Model and No Rise Certificate	<u>Lump Sum</u>	<u>\$25,300.00</u>
	Lump Sum	\$ 180,409.50

B. Optional Services Fee:

8. *Prepare CLOMR request (if necessary)* *Lump Sum* \$ 3,000.00

NOTE: The above stated lump sum fees do not include permit application fees which are anticipated to be paid by Indian River County once they have been established.

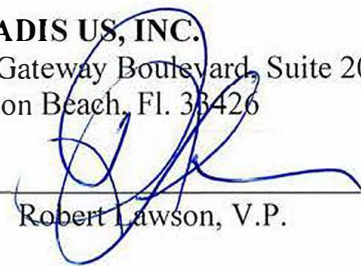
If the COUNTY desires the ENGINEER to pay the fees, a processing charge of 10% of the fee will be added to the required fee and will be invoiced to the COUNTY as a reimbursable expense.

The AGREEMENT is hereby amended as specifically set forth here in. All other sections of the AGREEMENT shall remain in full force and effect and are incorporated herein.

This Amendment No. 17 to the AGREEMENT regardless of where executed, shall be governed by, and constructed by the laws of the State of Florida.

In witness whereof the parties have executed this Amendment this _____ day of _____, 2020.

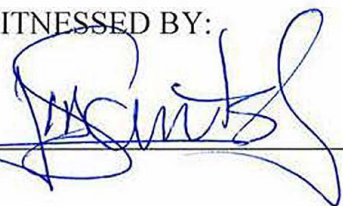
ARCADIS US, INC.
1500 Gateway Boulevard, Suite 200
Boynton Beach, Fl. 33426

By:  _____
Robert Lawson, V.P.

INDIAN RIVER COUNTY, FLORIDA
BOARD OF COUNTY COMMISSIONERS

By: _____
Susan Adams, Chairman

WITNESSED BY:

 _____

County Attorney
Approved as to Form and Legal Sufficiency

Approved by BCC _____

Attest: _____
Jeffrey R. Smith, Clerk of Circuit Court

By: _____
Deputy Clerk

Jason Brown, County Administrator