

FLAGLER COUNTY PEDESTRIAN OVERPASS BRIDGE INSPECTION SERVICES PROPOSAL

PROPOSED BRIDGE INSPECTION

Flagler County will provide Kisinger Campo and Associates (KCA) with written authorization to perform the inspection and other services for Bridge No. 734099 located in Flagler County, over State Road 100, approximately 0.94 mile east of I-95.

SCOPE OF SERVICES

The scope of services is based on the condition that no specialized access equipment will be necessary, with the exception of a Manlift and Maintenance of Traffic (MOT).

National Bridge Inspection Standards, (NBIS) requires that all public use bridges meeting the definition of a "Bridge" are to be inspected at regular intervals not greater than 24 months.

KCA will perform the inspection and prepare reports in accordance with NBIS, AASHTO and FDOT standards.

During the inspection a solution will also be applied to the stainless steel safety enclosure to expedite the buildup of patina to reduce glare.

Field Inspection

The field inspection will be conducted in accordance with the Florida Department of Transportation's Manual for Bridge and Other Structures Inspection. The inspection will be performed by a 2-person team consisting of an Inspection Team Leader and Assistant Inspector. In accordance with the NBIS, the team leader will either be a Florida Registered Professional Engineer, meeting the federal requirements of a NBIS team leader, or a Florida Certified Bridge Inspector.

A visual inspection of all members will be performed. Members that cannot be examined because of debris, vegetation, etc. will be cleaned. If excessive efforts (more than 2 man hours) are required to clean the structure to make it accessible for inspection, KCA will notify Flagler County's designated representative to have the structure cleaned.

Specialized testing services of structural components (i.e., NDT etc.) are not included in this proposal. Observed deficiencies will be documented. The length, width and depth of deficiencies will be recorded, and the locations documented. All measurements taken in the field will be denoted in English Units.

If deficiencies observed in the field are sufficiently critical to warrant immediate and substantial traffic restriction or closing of the bridge, Flagler County's designated representative will be verbally notified immediately by KCA. Verbal notification will be followed up with written notification.

Load Ratings

A load rating analysis is not included in this price proposal as it is not applicable to pedestrian structures.

Inspection Report – BrM Format

This bridge inspection report will be created in the BrM format. BrM structure elements will be listed in each inspection report. The BrM format allows the inspection team to report on the condition of elements by giving the appropriate condition states, defects, the quantity for each condition state or defect category and a cumulative quantity for each. Recommended corrective actions for elements will be included.

The report will consist of the following:

- Cover sheet with overall photo of bridge and a bridge location map.
- BrM Report initialed by the Lead Inspector and signed and sealed by a Registered Florida Professional Engineer.
- Comprehensive Inventory Data Report (CIDR).
- Photographic Inventory.

The CIDR contains data pertaining to a bridge's identity, condition, and description.

A bridge inspection report will be submitted to Flagler County no later than forty-five (45) calendar days after completion of the field inspection.

The report will have a closed numbering system, with the total number of pages in the report shown on each page, for example, Page 10 of 17.

KCA will report on each observed bridge element in accordance with the BrM condition state. Each element noted in the report will have an assigned quantity. If necessary, element notes will be included to depict deficiencies for particular ratings. The element notes will also include the location and size of significant deficiencies. Recommendations for repair of particular element deficiencies will be stated in the "Recommended Corrective Action" section of the report.

If deficiencies found during the inspection are sufficiently critical to warrant immediate restriction, closing of the bridge, or concerns for the safety of the traveling public the box entitled "This Bridge Report Identifies Deficiencies which Require Prompt Corrective Action", located on the first page of the BrM bridge inspection report, will be marked. An explanation of this action will be written in the element notes of that particular element, with the title "Critical Deficiency".

Items considered critical deficiencies include, but are not limited to:

- An overall NBI rating of 3 or less for any of the major components listed on page 1 of the BrM report.
- Deficiencies that require immediate attention are deemed critical by a registered professional engineer who signs and seals the bridge inspection report.

Direct Reimbursable Expenses

All items are included in the not to exceed amount.

Not to Exceed Fee

KCA proposes to perform the inspection and other services for a Lump sum amount of \$65,199.39. This fee includes the routine inspection, manlift, maintenance of traffic and application of the solution to the stainless steel safety fencing. Refer to Exhibit "A" for the detailed fee summary.

Schedule

KCA proposes to perform the routine field inspection services, within 30 days of receiving this signed agreement from Flagler County.

KCA proposes to submit a complete signed and sealed inspection report within 45 days from the completion of the field inspection.

Exhibit "A"

ESTIMATES OF MANHOUR REQUIREMENTS	PROJECT MANAGER		CHIEF ENGINEER (QC ENGINEER)		SR. CERTIFIED BRIDGE INSPECTOR (SENIOR DESIGNER)		ASSISTANT BRIDGE INSPECTOR (ENVIRO. SPECIALIST)		PROJECT ENGINEER		ENGINEERING INTERN		SECRETARY / CLERICAL (COMPUTER TECHNICIAN)		TOTAL HOURS / UNIT	SALARY COST / UNIT
	HRS	\$	HRS	\$	HRS	\$	HRS	\$	HRS	\$	HRS	\$	HRS	\$	HRS	
ROUTINE BRIDGE INSPECTION																
Scheduling / Inspection Preparation / Travel	2.00	\$536.78	1.00	\$246.27	12.00	\$1,724.76	12.00	\$1,058.04	2.00	\$340.50		\$0.00	1.00	\$95.88	30.00	\$4,002.23
Bridge Inspection		\$0.00		\$0.00	16.00	\$2,299.68	16.00	\$1,410.72		\$0.00		\$0.00		\$0.00	32.00	\$3,710.40
Documentation Input / Review		\$0.00	4.00	\$985.08	8.00	\$1,149.84	2.00	\$176.34	6.00	\$1,021.50		\$0.00	4.00	\$383.52	24.00	\$3,716.28
Work Order (MMS)		\$0.00	1.00	\$246.27	2.00	\$287.46		\$0.00		\$0.00		\$0.00	1.00	\$95.88	4.00	\$629.61
Report Preparation / Submittal		\$0.00	4.00	\$985.08	4.00	\$574.92	1.00	\$88.17		\$0.00		\$0.00	1.00	\$95.88	10.00	\$1,744.05
EDMS		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	1.00	\$95.88	1.00	\$95.88
TOTALS	2.00	\$536.78	10.00	\$2,462.70	42.00	\$6,036.66	31.00	\$2,733.27	8.00	\$1,362.00	0.00	\$108.44	8.00	\$767.04	101.00	\$13,898.45

ESTIMATES OF MANHOUR REQUIREMENTS	PROJECT MANAGER		CHIEF ENGINEER (QC ENGINEER)		SR. CERTIFIED BRIDGE INSPECTOR (SENIOR DESIGNER)		ASSISTANT BRIDGE INSPECTOR (ENVIRO. SPECIALIST)		PROJECT ENGINEER		ENGINEERING INTERN		SECRETARY / CLERICAL (COMPUTER TECHNICIAN)		TOTAL HOURS / UNIT	SALARY COST / UNIT
	HRS	\$	HRS	\$	HRS	\$	HRS	\$	HRS	\$	HRS	\$	HRS	\$	HRS	
OTHER SERVICES																
Application of Solution	30.00	\$8,051.70		\$0.00	24.00	\$3,449.52		\$0.00	24.00	\$4,086.00	24.00	\$2,602.56		\$0.00	102.00	\$18,189.78
TOTALS	30.00	\$8,051.70	0.00	\$0.00	24.00	\$3,449.52	0.00	\$0.00	24.00	\$4,086.00	24.00	\$2,602.56	0.00	\$0.00	102.00	\$18,189.78

Routine Bridge Inspection: \$13,898.45

Other Services: \$18,189.78

Manlift: \$4,192.42

Maintenance of Traffic: \$9,000.00

Supplies: \$19,918.74

Total: \$65,199.39

Sculpt Nouveau

800-728-5787

info@sculptnouveau.com

PO Box 460459

Estimate

DATE	ESTIMATE NO.
6/27/2023	76903

NAME / ADDRESS
Hendrik Hagedoorn

Ship To
Hendrik Hagedoorn

P.O. NO.

TERMS	DUE DATE
Master Card	6/27/2023

#	ITEM	DESCRIPTION	QTY	COST	TOTAL
1	5 G Stainless B...	5 G Traditional - Stainless Black Ship in 5 G bucket	30	518.40	15,552.00
2	5 G Metal Clea...	5 G Sculpt Nouveau Metal Cleaner	6	135.00	810.00
		Material Subtotal			16,362.00
	6 Shipping Fed...	Fed Ex Freight Shipping BOL # 1 pallet- 4-5 business days		1,661.74	1,661.74
			TOTAL		\$18,023.74