

**PRELIMINARY ENGINEER'S OPINION OF PROBABLE COST**  
**Poinciana Elementary School (SRTS) Sidewalk Improvement Project**  
**LAP Agreement FM #: 425854-1**  
**Key West Project #: EN 1101**  
**HM File No. 2011035**  
**October 12, 2011**

**SIDEWALK**

<u>Description</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Total</u>
5' wide Thickened Edge Sidewalk (concrete)	825	LF	\$12.00	\$9,900.00
Removal of sidewalk	6320	SF	\$2.00	\$12,640.00
4" thick - 5' Sidewalk (concrete)	11,785	SF	\$8.00	\$94,280.00
6" thick - 5' Sidewalk (concrete:DW ramp)	3,688	SF	\$10.00	\$36,880.00
<b>Subtotal Sidewalk</b>				<b>\$153,700.00</b>

**PAVING AND GRADING**

<u>Description</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Total</u>
1.5" SP9.5 Asphalt Paving - (1 Lifts)	220	SY	\$33.00	\$7,260.00
6" Limerock Base	227	SY	\$40.00	\$9,064.00
12" Stabilized Subgrade (repurposing existing)	238	SY	\$5.00	\$1,189.65
Flowable Fill	80	CY	\$115.00	\$9,200.00
Remove existing asphalt	380	SF	\$1.25	\$475.00
6" Fill for intersection islands	50	CY	\$60.00	\$3,000.00
#89 Stone (3" thick)	33	CY	\$25.00	\$828.70
Earthwork between sidewalk and EOP	3,200	SY	\$5.00	\$16,000.00
Meter/Sewer Clean-out/Valve boxes	75	EA	\$350.00	\$26,250.00
3' wide Valley gutter	206	LF	\$35.00	\$7,210.00
Type "D" Curb	1,399	LF	\$30.00	\$41,970.00
Type "F" Curb	539	LF	\$35.00	\$18,865.00
Endicott Pavers	200	SF	\$30.00	\$6,000.00
Stop Signs	6	EA	\$240.00	\$1,440.00
24" Stop Bar, White (thermoplastic)	5	EA	\$100.00	\$500.00
Curb paint	942	LF	\$1.00	\$942.00
Crosswalk White Special Emphasis (thpl)	6	EA	\$200.00	\$1,200.00
Sod at intersections and islands	2,500	SF	\$3.00	\$7,500.00
<b>Subtotal Paving and Grading</b>				<b>\$158,894.35</b>

**GENERAL CONDITIONS**

<u>Description</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Total</u>
Mobilization/Field Eng/Testing/Cons. Layout	1	EA	\$9,377.83	\$9,377.83
Demobilization	1	EA	\$3,125.94	\$3,125.94
FDOT Grant Requirements/General Condition	1	EA	\$3,125.94	\$3,125.94
MOT	1	EA	\$9,377.83	\$9,377.83
Certified Autocad As-builts/Surveyor	1	EA	\$6,251.89	\$6,251.89
<b>Subtotal General Conditions</b>				<b>\$31,259.44</b>

**BOND**

<u>Description</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Total</u>
Performance and Payment Bond	1	EA	\$6,251.89	\$6,251.89
<b>Subtotal Bond</b>				<b>\$6,251.89</b>

**LANDSCAPING**

<u>Description</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Total</u>
Trees to be Removed	15	EA	\$100.00	\$1,500.00
Large tree (Mahogany) to be Removed	1	EA	\$1,000.00	\$1,000.00
Large tree (Lisaloma) to be Removed	1	EA	\$500.00	\$500.00
Trees to be Relocated	6	EA	\$250.00	\$1,500.00
<b>Subtotal Landscaping</b>				<b>\$4,500.00</b>

<b>Construction Subtotal</b>	<b>\$354,605.68</b>
<b>City of Key West Contingency (7% of total)</b>	<b>\$24,822.40</b>
<b>Project Grand Total</b>	<b>\$379,428.07</b>

<b>FDOT Grant amount</b>	<b>\$306,408.00</b>
<b>Additional Funds available</b>	<b>\$40,000.00</b>
<b>Possible Grant funds available</b>	<b>\$346,408.00</b>