

**W. McIntyre St. - Sidewalk & Safety Improvements
from Ridgewood Rd. to Fernwood Rd.
Village of Key Biscayne, Florida C3TS Project No.: 01108-024**

CONCEPTUAL COST ESTIMATE

June 2008

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
Roadway & Drainage (RD) Items					
RD-1	Standard clearing & grubbing including demolition, removal and disposal of existing pavement and base	1	L.S.	\$ 17,500.00	\$ 17,500.00
RD-2	Demolition, removal and disposal of existing sidewalk	1,650	S.F.	\$ 3.00	\$ 4,950.00
RD-3	Demolition, removal and disposal of existing concrete curb & gutter, curb or valley gutter	350	L.F.	\$ 5.00	\$ 1,750.00
RD-4	Utility and drainage manhole cover and valve adjustment	1	L.S.	\$ 6,500.00	* \$ 6,500.00
RD-5	Pavement milling (depth varies - 2" max.)	1,000	S.Y.	\$ 4.00	* \$ 4,000.00
RD-6	Type "F" concrete curb and gutter or valley gutter	700	L.F.	\$ 26.00	\$ 18,200.00
RD-7	Concrete colored sidewalk and driveway aprons (4" thick, 6" at driveways), including cut and fill, subgrade prep., colored concrete handicap ramps, sidewalk finishes and providing and resetting water meter boxes, etc., as needed.	3,014	S.F.	\$ 8.50	\$ 25,619.00
RD-8	Back of sidewalk area restoration (including sod, landscaping & asphalt or paver driveways and sidewalks with edge concrete curbing, as needed)	1	L.S.	\$ 10,000.00	\$ 10,000.00
RD-9	Paver crosswalk or road surface (12" thick), including excavation, concrete slab and banding, sand bed, pavers (incl. white and yellow for pavement markings), reinforcing steel, and subgrade preparation	570	S.F.	\$ 28.00	\$ 15,960.00
RD-10	Convert existing catch basin to manhole, including ring and cover.	6	EA.	\$ 1,500.00	\$ 9,000.00
RD-11	Type "P" catch basin structure, including structure, inlet, frame and grate and connections to existing pipe	4	EA.	\$ 4,500.00	\$ 18,000.00
RD-12	Drop inlet with USF 5130-6016 frame and grate	6	EA.	\$ 2,800.00	\$ 16,800.00
RD-13	Core drill existing structure for 15" pipe connection	6	EA.	\$ 950.00	\$ 5,700.00
RD-14	15" RCP solid pipe	100	L.F.	\$ 120.00	\$ 12,000.00
<i>Subtotal RD Items</i>					
Landscaping (L) Items					
L-1	High Rise Live Oak (16' tall x 7' spread, 3" cal.)	11	EA.	\$ 1,500.00	\$ 16,500.00
L-2	St. Augustine Sod	2,400	S.F.	\$ 0.75	\$ 1,800.00
L-3	Planting Soil	1	L.S.	\$ 5,000.00	\$ 5,000.00
<i>Subtotal L Items</i>					
Pavement Marking & Signing (PMS) Items					
PMS-1	2' x 2' white crosswalk striping	70	L.F.	\$ 8.00	\$ 560.00
PMS-2	6" double yellow thermoplastic stripe	200	L.F.	\$ 4.00	\$ 800.00
PMS-3	12" white thermoplastic stripe	42	L.F.	\$ 3.75	\$ 157.50
PMS-4	24" white thermoplastic stripe	72	L.F.	\$ 4.00	\$ 288.00
PMS-5	Arrow pavement marking	2	EA.	\$ 75.00	\$ 150.00
PMS-6	ONE WAY sign assembly	1	EA.	\$ 200.00	\$ 200.00
PMS-7	STOP sign assembly	8	EA.	\$ 200.00	\$ 1,600.00
PMS-8	SPEED LIMIT SCHOOL ZONE sign assembly	1	EA.	\$ 200.00	\$ 200.00
PMS-9	PEDESTIRAN CROSSING sign assembly	1	EA.	\$ 300.00	\$ 300.00
PMS-10	LEFT TURN ONLY sign assembly	2	EA.	\$ 300.00	\$ 600.00
PMS-11	DO NOT ENTER sign assembly	2	EA.	\$ 300.00	\$ 600.00
PMS-12	Removal & relocation of existing signs	1	L.S.	\$ 1,000.00	\$ 1,000.00
<i>Subtotal PMS Items</i>					
General (G) Items					
G-1	Maintenance of traffic, including traffic control, pedestrian and vehicular access, signs, barricades and flaggers, and off-duty police officer, as required by Engineer, County and/or City	1	L.S.	\$ 7,500.00	\$ 7,500.00
G-2	Performance and Payment Bond	1	L.S.	\$ 20,000.00	\$ 20,000.00
G-3	Owner's Contingency	1	L.S.	\$ 20,000.00	\$ 20,000.00
G-4	Final design, permitting, and construction admin.	1	L.S.	\$ 35,000.00	\$ 35,000.00