



MARTIN COUNTY PUBLIC WORKS DEPARTMENT ENGINEER'S OPINION OF PROBABLE COST

This document may be reproduced upon request in an alternative format by contacting the County ADA Coordinator (772) 320-3131, the County Administration Office (772) 288-5400, Florida Relay 711, or by completing our accessibility feedback form at www.martin.fl.us/accessibility-feedback.

County Project / Permit No: Crossroads Phase 1A-3 (Example: A100-001 or ENG2024010001)

SITEWORK AND EARTHWORK	QTY	<u>UNIT</u>	UNIT COST	COST
Mobilization EARTHWORK	1	LS	\$10,000	\$10,000
Erosion control	1	LS	\$25,000	\$25,000
Clearing and grubbing (≤ 5 acres)	5.0	AC	\$15,000	\$75,000
Clearing and grubbing (\$ 5 acres) Clearing and grubbing (\$ 5 acres)	29.1	AC	\$20,000	\$582,400
Concrete disposal	$\frac{20.1}{0.0}$	TN	\$90.00	\$0 \$0
Utility relocation / adjustment	1	LS	\$0	\$0
•	0	CY	\$19.50	\$ 0
Excavation (cut) Embankment (fill)	0	CY	\$28.00	\$0
Fences / railings	850	LF	\$113.50	\$96,475
Sod and / or seed and mulch	0	SY	\$3.00	\$0
Materials testing	1	LS	\$40,000	\$40,000
Materials testing	1	ES	Subtotal:	\$828,875
ROADWORK			24273	7,
Maintenance of traffic	1	LS	\$10,000	\$10,000
Asphalt milling (1" avg.)	0.0	DAY	\$17,450	\$0
Stabilized subgrade (type B, LBR-40)	34,985	SY	\$22.00	\$769,659
Paving base (optional base group 6)	0	SY	\$26.50	\$0
Paving base (optional base group 9)	2,712	SY	\$42.50	\$115,249
Superpave asphaltic concrete (1")	15,936	SY	\$21.50	\$342,624
Superpave asphaltic concrete (1½")	27,445	SY	\$32.00	\$878,240
Superpave asphaltic concrete (2")	0	SY	\$43.00	\$0
Asphalt overlay (≤ 50 tons)	0.0	TN	\$595.00	\$0
Asphalt overlay (51 - 150 tons)	0.0	TN	\$315.00	\$0
Asphalt overlay (> 151 tons)	0.0	TN	\$250.00	\$0
Pervious asphalt or concrete (6")	1,516	SY	\$95.00	\$143,982
Concrete curb and/or gutter	14,108	LF	\$34.50	\$486,709
Sidewalk (6')	16,576	LF	\$41.50	\$687,883
Multimodal path (10')	0	LF	\$70.00	\$0
Articles pain (10)			Subtotal:	\$3,434,350

	County	County Project / Permit No: rossroads Phase 1A		
DRAINAGE				
Inlets / Manholes (≤ 10')	EA	\$6,050	\$768,350	
Inlets / Manholes (> 10')	EA	\$13,150	\$0	
Control structures 0	EA	\$9,080	\$0	
Mitered end sections (≤ 24" or equiv.)	EA	\$2,020	\$0	
Mitered end sections (> 30" or equiv.)	EA	\$4,750	\$0	
Endwalls 0	CY	\$980.00	\$0	
Rip-rap 0	TN	\$139.00	\$0	
Storm culvert (15" or equiv.) 189	LF	\$73.00	\$13,797	
Storm culvert (18" or equiv.) 3,769	LF	\$89.00	\$335,441	
Storm culvert (24" or equiv.) 607	LF	\$129.00	\$78,303	
Storm culvert (30" or equiv.) 434	LF	\$171.00	\$74,214	
Storm culvert (36" or equiv.) 618	LF	\$244.00	\$150,792	
Storm culvert (48" or equiv.) 1,208	LF	\$324.00	\$391,392	
Box culvert 0	EA	\$516.00	\$0	
Exfiltration trench (15")	_ LF	\$188.00	\$0	
Exfiltration trench (18" - 24")	_ LF	\$206.00	\$0	
Storage chamber system 1	LS	\$0.00	\$0	
		Subtotal:	\$1,812,290	
UTILITIES				
Directional drill (≤ 6")0	LF	\$55.00	\$0	
Directional drill (8" - 10")	LF	\$130.00	\$0	
Directional drill (> 12")	LF	\$300.00	\$0	
Water main (4")	LF	\$40.00	\$8,920	
Water main (6") 2,524	LF	\$50.00	\$126,200	
Water main (8") 3,290	LF	\$65.00	\$213,850	
Water main (10" - 12") 3,308	LF	\$150.00	\$496,200	
Water service (single) 35	EA	\$2,100	\$73,500	
Water service (double) 65	_ EA	\$2,300	\$149,500	
Fire hydrant assembly 14	EA	\$8,600	\$120,400	
Sewer gravity (\leq 8')	LF	\$66.00	\$185,328	
Sewer manhole ($\leq 8'$) 37	EA.	\$6,850	\$253,450	
Sewer gravity (< 8' - 12') 7,581	_ LF	\$101.00	\$765,681	
Sewer manhole (< 8' - 12')0	EA.	\$9,050	\$0	
Sewer gravity (< 12' - 16')0	_ LF	\$206.50	\$0	
Sewer manhole (< 12' - 16')0	EA_	\$12,950	\$0	
Sewer gravity (< 16')	_ LF	\$244.00	\$0	
Sewer manhole (< 16')	EA	\$20,650	\$0	
Sewer lateral (single) 35	EA	\$1,700	\$59,500	
Sewer lateral (double) 65	E A	\$2,400	\$156,000	
Sewer force main (4")	_ LF	\$33.00	\$0	
Lift station1	EA	\$0	\$0	
		Subtotal:	\$2,608,530	
TRAFFIC CONTROL				
Signage 1	LS	\$30,000	\$30,000	
Pavement markings 1	LS	\$40,000	\$40,000	
Flashing beacons0	_ EA	\$7,050	\$0	
Traffic signal or roundabout0	_ EA	<u>\$0</u>	\$0	
		Subtotal:	\$70,000	

		County Project / Permit No: rossroads Phase 1A		
SURVEY				
Setting P.C.P.'s	1	LS	\$15,000	\$15,000
Setting and replacing P.R.M.'s	1	LS	\$0	\$0
Setting all lot corners	1	LS	\$0	\$0
			Subtotal:	\$15,000
MISCELLANEOUS				
Lighting system	1	LS	#########	\$1,260,000
Landscape and irrigation system	1	LS	- ###########	\$1,600,000
			Subtotal:	\$2,860,000
OTHER				
Storm Culvert (42")	1282		\$500	\$641,000
Sewer force main (8")	1031		\$95	\$97,945
Storm Culvert (54")	1592		\$528	\$840,576
			Subtotal:	\$1,579,525

Opinion of Probable Cost: \$13,208,570

Is this related to an approved Development Order (Yes or No)? Yes (Security for Engineering Services' Permits shall be 110% of Engineers Opinion of Probable Cost)

Required Security: \$13,208,570

Professional Engineer's No. 56200

Professional Engineer's Signature / Scal STATE OF 56200

P.E. No.

Kimley-Horn and Associates, Inc., Registry No.: 35106

Firm's Name and Licensed Business No. (if applicable)

1920 Wekiva Way, West Palm Beach, Fl 33411

Firm's Address

561 404 7247

Phone No.

County Engineer's (or designee) Acceptance