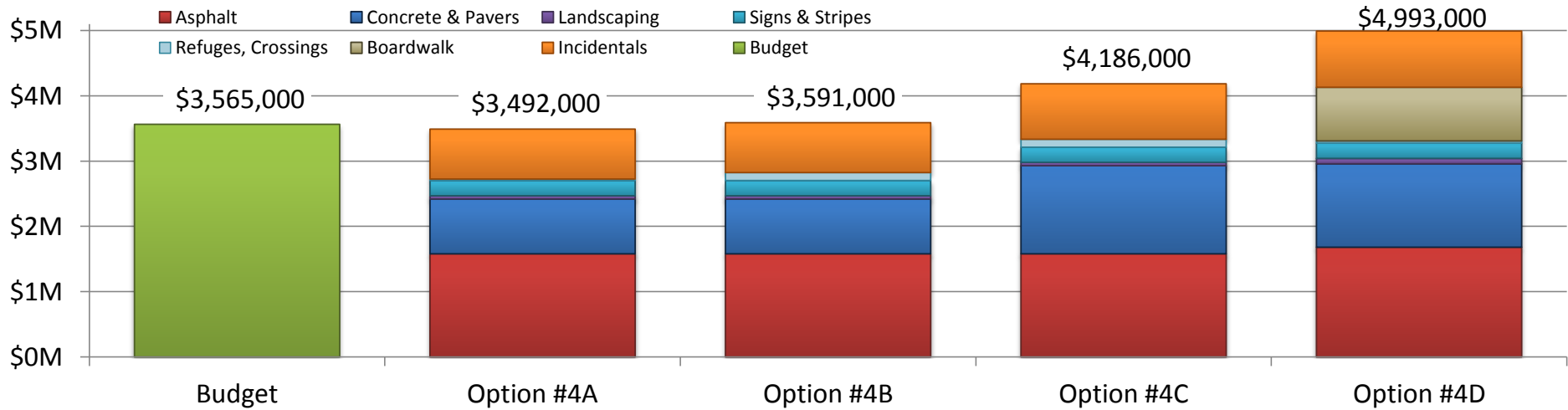


NW 8th Avenue

Cost Estimates for 2/19/15 City Commission Presentation

#120521B

Work Trade	Budget	Option #4A	Option #4B	Option #4C	Option #4D
Asphalt		\$ 1,581,444.87	\$ 1,581,444.87	\$ 1,581,444.87	\$ 1,682,626.20
Concrete & Pavers		\$ 839,449.86	\$ 839,449.86	\$ 1,349,665.89	\$ 1,276,970.65
Landscaping		\$ 49,840.83	\$ 49,840.83	\$ 49,840.83	\$ 82,690.83
Signs & Stripes		\$ 233,782.30	\$ 233,782.30	\$ 233,782.30	\$ 233,782.30
Refuges, Crossings		\$ 22,500.00	\$ 121,419.80	\$ 121,419.80	\$ 33,750.00
Boardwalk		\$ -	\$ -	\$ -	\$ 822,500.00
Incidentals		\$ 764,211.47	\$ 764,211.47	\$ 849,561.78	\$ 860,635.10
Total		\$ 3,491,229.33	\$ 3,590,149.12	\$ 4,185,715.46	\$ 4,992,955.09
Rounded	\$ 3,565,000.00	\$ 3,492,000.00	\$ 3,591,000.00	\$ 4,186,000.00	\$ 4,993,000.00
Budget	\$ 3,565,000.00				



PRELIMINARY ENGINEERS COST ESTIMATE - **OPTION #4A: 4 LANES W/ MULTIUSE PATH**

#120521B

CITY PROJECT NO. TBD
NW 8TH AVENUE MILLING AND RESURFACING

PAY ITEM	DESCRIPTION	UNIT	NW 40TH DR. TO NW 34TH ST. TO NW 23RD ST. TO NW 23RD ST. TO NW 6TH ST. (C3)			Total Quantity	Unit Price	Total Price	Source	
			ST. (A1)	ST. (B5)						
ROADWAY										
101-1	MOBILIZATION	LS		1.00			7.5%	\$ 2,971,259.00	\$ 222,844.43	Subtotal
102-1	MAINTENANCE OF TRAFFIC	LS		1.00			7.5%	\$ 2,971,259.00	\$ 222,844.43	Subtotal
110-1-1	CLEARING AND GRUBBING	LS		1.00			2.5%	\$ 2,971,259.00	\$ 74,281.48	Subtotal
104-10-3	SEDIMENT BARRIER	LF		8,880.00	9,252.00	16,868.00		\$ 2.50	\$ 87,500.00	Depot 2 Bid Analysis
104-18	INLET PROTECTION SYSTEM	EA		30.00	33.00	39.00	102.00	\$ 141.50	\$ 14,433.00	Depot 2 Bid Analysis
107-1	LITTER REMOVAL	AC		12.20	7.10	8.50	27.80	\$ 19.39	\$ 539.04	FDOT Statewide Average
107-2	MOWING	AC		9.40	5.60	4.10	19.10	\$ 35.31	\$ 674.42	FDOT Statewide Average
110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY		807.00	5,671.56	4,803.33	11,281.89	\$ 11.00	\$ 124,100.78	SW 16th Ave Bid Analysis
120-1	REGULAR EXCAVATION	CY			153.00		153.00	\$ 10.99	\$ 1,681.16	Depot 2 Bid Analysis
120-6	EMBANKMENT	CY			1,249.00		1,249.00	\$ 12.26	\$ 15,312.74	Depot 2 Bid Analysis
327-70-5	MILLING EXISTING ASPHALT PAVEMENT (2" AVG. DEPTH)	SY		22,237.00	23,850.00		46,087.00	\$ 1.56	\$ 71,895.72	SW 16th Ave Bid Analysis
327-70-15	MILLING EXISTING ASPHALT PAVEMENT (2.75" AVG. DEPTH)	SY				35,927.00	35,927.00	\$ 1.95	\$ 70,057.65	SW 16th Ave Bid Analysis
334-1-13	SUPERPAVE ASPHALTIC CONC., TRAFFIC C	TN				2,470.00	2,470.00	\$ 135.00	\$ 333,450.00	Depot 2 Bid Analysis
337-7-43	ASPHALT CONCRETE FRICTION COURSE (TRAFFIC C) (FC-12.5) (PG 76-22)	TN		2,446.10	2,782.80		2,964.00	\$ 8,192.90	\$ 1,106,041.50	Depot 2 Bid Analysis
400-2-11	CLASS II CONCRETE, RETAINING WALLS	CY				98.00	98.00	\$ 640.00	\$ 62,720.00	SW 16th Ave Bid Analysis
425-5	ADJUST INLET TOPS	EA			10.00		10.00	\$ 300.00	\$ 3,000.00	Depot 2 Bid Analysis
415-1-3	REINFORCING STEEL, RETAINING WALL	LB				9,610.00	9,610.00	\$ 0.94	\$ 9,033.40	FDOT Statewide Average
515-1-2	PIPE HANDRAIL-GUIDERAIL, ALUMINUM	LF				334.00	334.00	\$ 118.20	\$ 39,478.80	Depot 2 Bid Analysis
520-1-7	CONCRETE CURB (TYPE B)	LF			-		-	\$ 17.00	\$ -	FDOT Statewide Average
520-1-10	CONCRETE CURB & GUTTER (TYPE F)	LF		415.00	23.00	1,784.00	2,222.00	\$ 17.37	\$ 38,596.14	Depot 2 Bid Analysis
522-1	CONCRETE SIDEWALK (4" THICK)	SY		625.00	11,111.11	7,403.33	19,139.44	\$ 34.69	\$ 664,023.89	Depot 2 Bid Analysis
522-2	CONCRETE SIDEWALK (6" THICK)	SY		90.00	8.00	125.00	223.00	\$ 48.38	\$ 10,789.63	Depot 2 Bid Analysis
526-1-2	ARCHITECTUAL PAVERS (TRUCK APRON / CROSSWALKS)	SY			-		-	\$ 107.61	\$ -	Depot 2 Bid Analysis
527-2	DETECTABLE WARNING SURFACE	SF		384.00	40.00	560.00	984.00	\$ 12.00	\$ 11,808.00	
570-1-2	PERFORMANCE TURF, SOD	SY		36.00	982.00	850.00	1,868.00	\$ 4.02	\$ 7,516.83	Depot 2 Bid Analysis
SIGNING AND PAVEMENT MARKING										
700-1-11	SINGLE POST SIGN (LESS THAN 12 SF)	AS			22.00	18.00	40.00	\$ 349.55	\$ 13,982.00	Depot 2 Bid Analysis
	RECTANGULAR RAPID FLASHING BEACON	EA		-	6.00	-	6.00	\$ 3,750.00	\$ 22,500.00	
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA		434.00	226.00	915.00	1,575.00	\$ 4.60	\$ 7,245.00	SW 16th Ave Bid Analysis
710-11-111	PAINTED PAVT MARKINGS (WHITE SOLID 6")	NM		1.68	2.07	5.61	9.36	\$ 704.49	\$ 6,594.03	FDOT Statewide Average
710-11-122	PAINTED PAVT MARKINGS (WHITE SOLID 8")	LF				498.00	498.00	\$ 0.28	\$ 139.44	FDOT Statewide Average
710-11-123	PAINTED PAVT MARKINGS (WHITE SOLID 12")	LF		1,084.00	230.00	2,259.00	3,573.00	\$ 0.61	\$ 2,179.53	FDOT Statewide Average
710-11-124	PAINTED PAVT MARKINGS (WHITE SOLID 18")	LF				1,151.00	1,151.00	\$ 0.85	\$ 978.35	FDOT Statewide Average
710-11-125	PAINTED PAVT MARKINGS (WHITE SOLID 24")	LF		205.00	47.00	547.00	799.00	\$ 1.22	\$ 974.78	FDOT Statewide Average
710-11-131	PAINTED PAVT MARKINGS (WHITE SKIP 6")	GM		1.65	3.03	0.17	4.85	\$ 271.30	\$ 1,316.15	FDOT Statewide Average
710-11-160	PAINTED PAVT MARKINGS (WHITE MESSAGE)	EA		3.00	11.00	50.00	64.00	\$ 37.50	\$ 2,400.00	FDOT Statewide Average
710-11-170	PAINTED PAVT MARKINGS (WHITE ARROW)	EA		1.00	23.00	103.00	127.00	\$ 83.97	\$ 10,664.19	Depot 2 Bid Analysis
710-11-211	PAINTED PAVT MARKINGS (YELLOW SOLID 6")	NM		1.68	1.89	3.12	6.70	\$ 5,580.10	\$ 37,397.49	Depot 2 Bid Analysis
710-11-224	PAINTED PAVT MARKINGS (YELLOW SOLID 18")	LF				480.00	480.00	\$ 3.13	\$ 1,502.40	Depot 2 Bid Analysis
710-11-231	PAINTED PAVT MARKINGS (YELLOW SKIP 6")	GM				0.56	0.56	\$ 2,172.60	\$ 1,207.97	Depot 2 Bid Analysis
								\$ -	\$ -	
711-11-111	THERMOPLASTIC (WHITE SOLID 6")	NM		1.68	2.07	5.61	9.36	\$ 5,654.00	\$ 52,921.44	Depot 2 Bid Analysis
711-11-122	THERMOPLASTIC (WHITE SOLID 8")	LF				498.00	498.00	\$ 1.92	\$ 957.16	Depot 2 Bid Analysis
711-11-123	THERMOPLASTIC (WHITE SOLID 12")	LF		1,084.00	230.00	2,259.00	3,573.00	\$ 2.91	\$ 10,411.72	Depot 2 Bid Analysis
711-11-124	THERMOPLASTIC (WHITE SOLID 18")	LF				1,151.00	1,151.00	\$ 4.63	\$ 5,326.83	Depot 2 Bid Analysis
711-11-125	THERMOPLASTIC (WHITE SOLID 24")	LF		205.00	47.00	547.00	799.00	\$ 6.31	\$ 5,040.09	Depot 2 Bid Analysis
711-11-123	THERMOPLASTIC (WHITE SOLID 12")	LF						\$ -	\$ -	
711-11-125	THERMOPLASTIC (WHITE SOLID 24")	LF						\$ -	\$ -	
711-11-131	THERMOPLASTIC (WHITE SKIP 6")	GM		1.65	3.03	0.17	4.85	\$ 2,177.60	\$ 10,564.13	Depot 2 Bid Analysis
711-11-160	THERMOPLASTIC (WHITE MESSAGE)	EA		3.00	11.00	50.00	64.00	\$ 168.85	\$ 10,806.40	Depot 2 Bid Analysis
711-11-170	THERMOPLASTIC (WHITE ARROW)	EA		1.00	23.00	103.00	127.00	\$ 83.97	\$ 10,664.19	Depot 2 Bid Analysis
711-11-211	THERMOPLASTIC (YELLOW SOLID 6")	NM		1.68	1.89	3.12	6.70	\$ 5,640.10	\$ 37,799.61	Depot 2 Bid Analysis
711-11-224	THERMOPLASTIC (YELLOW SOLID 18")	LF				480.00	480.00	\$ 3.13	\$ 1,501.44	Depot 2 Bid Analysis
711-11-231	THERMOPLASTIC (YELLOW SKIP 6")	GM				0.56	0.56	\$ 2,172.60	\$ 1,207.97	Depot 2 Bid Analysis
LANDSCAPING										
	TREES	EA			-	10.00	10.00	\$ 300.00	\$ 3,000.00	
	GROUND COVER	EA			300.00	100.00	400.00	\$ 7.50	\$ 3,000.00	
	IRRIGATION / LIGHTING CONDUIT FOR FUTURE USE	LF			3,600.00		3,600.00	\$ 10.09	\$ 36,324.00	Depot 2 Bid Analysis
	CONTINGENCY	LS					-	\$ -	\$ -	
Total									\$ 3,491,229.33	

PRELIMINARY ENGINEERS COST ESTIMATE - OPTION #4B PEDESTRIAN CROSSINGS

#120521B

**CITY PROJECT NO. TBD
NW 8TH AVENUE MILLING AND RESURFACING**

Crosswalk Material: Pavers

PAY ITEM	DESCRIPTION	UNIT	NW 40TH DR. TO NW 34TH ST. (A1)	NW 34TH ST. TO NW 23RD ST. (B5)	NW 23RD ST. TO NW 6TH ST. (C3)	Total Quantity	Unit Price	Total Price	Source
ROADWAY									
101-1	MOBILIZATION	LS			1.00		7.5%	\$ 103,336.00	\$ 7,750.20 Subtotal
102-1	MAINTENANCE OF TRAFFIC	LS			1.00		7.5%	\$ 103,336.00	\$ 7,750.20 Subtotal
110-1-1	CLEARING AND GRUBBING	LS			1.00		2.5%	\$ 103,336.00	\$ 2,583.40 Subtotal
104-10-3	SEDIMENT BARRIER	LF			-		-	\$ 2.50	\$ - Depot 2 Bid Analysis
104-18	INLET PROTECTION SYSTEM	EA			-		-	\$ 141.50	\$ - Depot 2 Bid Analysis
107-1	LITTER REMOVAL	AC			-		-	\$ 19.39	\$ - FDOT Statewide Average
107-2	MOWING	AC			-		-	\$ 35.31	\$ - FDOT Statewide Average
110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY			461.11	461.11		\$ 11.00	\$ 5,072.22 SW 16th Ave Bid Analysis
120-1	REGULAR EXCAVATION	CY			-		-	\$ 10.99	\$ - Depot 2 Bid Analysis
120-6	EMBANKMENT	CY			-		-	\$ 12.26	\$ - Depot 2 Bid Analysis
160-4	STABILIZATION TYPE B	SY			555.56	555.56		\$ 11.40	\$ 6,333.33 Depot 2 Bid Analysis
285-705	BASE OPTION (8" GRADED AGGREGATE)	SY			555.56	555.56		\$ 11.40	\$ 6,333.33 Depot 2 Bid Analysis
327-70-5	MILLING EXISTING ASPHALT PAVEMENT (2" AVG. DEPTH)	SY			(461.11)	(461.11)		\$ 1.56	\$ (719.33) SW 16th Ave Bid Analysis
327-70-15	MILLING EXISTING ASPHALT PAVEMENT (2.75" AVG. DEPTH)	SY			-	-		\$ 1.95	\$ - SW 16th Ave Bid Analysis
334-1-13	SUPERPAVE ASPHALTIC CONC., TRAFFIC C	TN			10.39	10.39		\$ 135.00	\$ 1,402.50 Depot 2 Bid Analysis
337-7-43	ASPHALT CONCRETE FRICTION COURSE (TRAFFIC C) (FC-12.5) (PG 76-22)	TN			-	-		\$ 135.00	\$ - Depot 2 Bid Analysis
400-2-11	CLASS II CONCRETE, RETAINING WALLS	CY			-	-		\$ 640.00	\$ - SW 16th Ave Bid Analysis
425-5	ADJUST INLET TOPS	EA			-	-		\$ 300.00	\$ - Depot 2 Bid Analysis
415-1-3	REINFORCING STEEL, RETAINING WALL	LB			-	-		\$ 0.94	\$ - FDOT Statewide Average
515-1-2	PIPE HANDRAIL-GUIDERAIL, ALUMINUM	LF			-	-		\$ 118.20	\$ - Depot 2 Bid Analysis
520-1-7	CONCRETE CURB (TYPE B)	LF			442.50	442.50		\$ 17.00	\$ 7,522.50 FDOT Statewide Average
520-1-10	CONCRETE CURB & GUTTER (TYPE F)	LF			-	-		\$ 17.37	\$ - Depot 2 Bid Analysis
	RIBBON CURB	LF			320.00	320.00		\$ 25.00	\$ 8,000.00 Peer Review
522-1	CONCRETE SIDEWALK (4" THICK)	SY			24.44	24.44		\$ 34.69	\$ 848.00 Depot 2 Bid Analysis
522-2	CONCRETE SIDEWALK (6" THICK)	SY			-	-		\$ 48.38	\$ - Depot 2 Bid Analysis
526-1-2	ARCHITECTURAL PAVERS (TRUCK APRON / CROSSWALKS)	SY			343.67	343.67		\$ 107.61	\$ 36,983.44 Depot 2 Bid Analysis
527-2	DETECTABLE WARNING SURFACE	SF			130.00	130.00		\$ 12.00	\$ 1,560.00
570-1-2	PERFORMANCE TURF, SOD	SY			-	-		\$ 4.02	\$ - Depot 2 Bid Analysis
					-	-			
SIGNING AND PAVEMENT MARKING									
700-1-11	SINGLE POST SIGN (LESS THAN 12 SF)	AS			-	-		\$ 349.55	\$ - Depot 2 Bid Analysis
	RECTANGULAR RAPID FLASHING BEACON	EA			8.00	8.00		\$ 3,750.00	\$ 30,000.00
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA			-	-		\$ 4.60	\$ - SW 16th Ave Bid Analysis
710-11-111	PAINTED PAVT MARKINGS (WHITE SOLID 6")	NM			-	-		\$ 704.49	\$ - FDOT Statewide Average
710-11-122	PAINTED PAVT MARKINGS (WHITE SOLID 8")	LF			-	-		\$ 0.28	\$ - FDOT Statewide Average
710-11-123	PAINTED PAVT MARKINGS (WHITE SOLID 12")	LF			-	-		\$ 0.61	\$ - FDOT Statewide Average
710-11-124	PAINTED PAVT MARKINGS (WHITE SOLID 18")	LF			-	-		\$ 0.85	\$ - FDOT Statewide Average
710-11-125	PAINTED PAVT MARKINGS (WHITE SOLID 24")	LF			-	-		\$ 1.22	\$ - FDOT Statewide Average
710-11-131	PAINTED PAVT MARKINGS (WHITE SKIP 6")	GM			-	-		\$ 271.30	\$ - FDOT Statewide Average
710-11-170	PAINTED PAVT MARKINGS (WHITE ARROW)	EA			-	-		\$ 83.97	\$ - Depot 2 Bid Analysis
710-11-224	PAINTED PAVT MARKINGS (YELLOW SOLID 18")	LF			-	-		\$ 3.13	\$ - Depot 2 Bid Analysis
710-11-231	PAINTED PAVT MARKINGS (YELLOW SKIP 6")	GM			-	-		\$ 2,172.60	\$ - Depot 2 Bid Analysis
					-	-			
					-	-			
711-11-111	THERMOPLASTIC (WHITE SOLID 6")	NM			-	-		\$ 5,654.00	\$ - Depot 2 Bid Analysis
711-11-122	THERMOPLASTIC (WHITE SOLID 8")	LF			-	-		\$ 1.92	\$ - Depot 2 Bid Analysis
711-11-125	THERMOPLASTIC (WHITE SOLID 24")	LF			-	-		\$ 6.31	\$ - Depot 2 Bid Analysis
711-11-123	THERMOPLASTIC (WHITE SOLID 12")	LF			-	-			
711-11-125	THERMOPLASTIC (WHITE SOLID 24")	LF			-	-			
711-11-131	THERMOPLASTIC (WHITE SKIP 6")	GM			-	-		\$ 2,177.60	\$ - Depot 2 Bid Analysis
711-11-160	THERMOPLASTIC (WHITE MESSAGE)	EA			-	-		\$ 168.85	\$ - Depot 2 Bid Analysis
711-11-170	THERMOPLASTIC (WHITE ARROW)	EA			-	-		\$ 83.97	\$ - Depot 2 Bid Analysis
711-11-211	THERMOPLASTIC (YELLOW SOLID 6")	NM			-	-		\$ 5,640.10	\$ - Depot 2 Bid Analysis
711-11-224	THERMOPLASTIC (YELLOW SOLID 18")	LF			-	-		\$ 3.13	\$ - Depot 2 Bid Analysis
711-11-231	THERMOPLASTIC (YELLOW SKIP 6")	GM			-	-		\$ 2,172.60	\$ - Depot 2 Bid Analysis
					-	-			
					-	-			
LANDSCAPING									
	TREES	EA			-	-		\$ 300.00	\$ -
	GROUND COVER	EA			-	-		\$ 7.50	\$ -
	IRRIGATION / LIGHTING CONDUIT FOR FUTURE USE	LF			-	-		\$ 10.09	\$ - Depot 2 Bid Analysis
	SUBTOTAL								\$ 121,419.80
	COST ESTIMATE OF 4A	LS							\$ 3,468,729.33
Total									\$ 3,590,149.12

PRELIMINARY ENGINEERS COST ESTIMATE - **OPTION #4C: 4 LANES W/ CYCLE TRACKS & SIDEWALKS**

#120521B

CITY PROJECT NO. TBD
NW 8TH AVENUE MILLING AND RESURFACING

PAY ITEM	DESCRIPTION	UNIT	NW 40TH DR. TO NW 34TH	NW 34TH ST. TO NW 23RD	NW 23RD ST. TO NW	Total Quantity	Unit Price	Total Price	Source	
			ST. (A1)	ST. (B5)	6TH ST. (C3)					
ROADWAY										
101-1	MOBILIZATION	LS		1.00			7.5%	\$ 3,458,975.03	\$ 259,423.13	Subtotal
102-1	MAINTENANCE OF TRAFFIC	LS		1.00			7.5%	\$ 3,458,975.03	\$ 259,423.13	Subtotal
110-1-1	CLEARING AND GRUBBING	LS		1.00			2.5%	\$ 3,458,975.03	\$ 86,474.38	Subtotal
104-10-3	SEDIMENT BARRIER	LF		8,880.00	9,252.00	16,868.00	35,000.00	\$ 2.50	\$ 87,500.00	Depot 2 Bid Analysis
104-18	INLET PROTECTION SYSTEM	EA		30.00	33.00	39.00	102.00	\$ 141.50	\$ 14,433.00	Depot 2 Bid Analysis
107-1	LITTER REMOVAL	AC		12.20	7.10	8.50	27.80	\$ 19.39	\$ 539.04	FDOT Statewide Average
107-2	MOWING	AC		9.40	5.60	4.10	19.10	\$ 35.31	\$ 674.42	FDOT Statewide Average
110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY		807.00	5,671.56	4,803.33	11,281.89	\$ 11.00	\$ 124,100.78	SW 16th Ave Bid Analysis
120-1	REGULAR EXCAVATION	CY			153.00		153.00	\$ 10.99	\$ 1,681.16	Depot 2 Bid Analysis
120-6	EMBANKMENT	CY			1,249.00		1,249.00	\$ 12.26	\$ 15,312.74	Depot 2 Bid Analysis
327-70-5	MILLING EXISTING ASPHALT PAVEMENT (2" AVG. DEPTH)	SY		22,237.00	23,850.00		46,087.00	\$ 1.56	\$ 71,895.72	SW 16th Ave Bid Analysis
327-70-15	MILLING EXISTING ASPHALT PAVEMENT (2.75" AVG. DEPTH)	SY				35,927.00	35,927.00	\$ 1.95	\$ 70,057.65	SW 16th Ave Bid Analysis
334-1-13	SUPERPAVE ASPHALTIC CONC., TRAFFIC C	TN				2,470.00	2,470.00	\$ 135.00	\$ 333,450.00	Depot 2 Bid Analysis
337-7-43	ASPHALT CONCRETE FRICTION COURSE (TRAFFIC C) (FC-12.5) (PG 76-22)	TN		2,446.10	2,782.80	2,964.00	8,192.90	\$ 135.00	\$ 1,106,041.50	Depot 2 Bid Analysis
400-2-11	CLASS II CONCRETE, RETAINING WALLS	CY				98.00	98.00	\$ 640.00	\$ 62,720.00	SW 16th Ave Bid Analysis
425-5	ADJUST INLET TOPS	EA			10.00		10.00	\$ 300.00	\$ 3,000.00	Depot 2 Bid Analysis
415-1-3	REINFORCING STEEL, RETAINING WALL	LB				9,610.00	9,610.00	\$ 0.94	\$ 9,033.40	FDOT Statewide Average
515-1-2	PIPE HANDRAIL-GUIDERAIL, ALUMINUM	LF			400.00	334.00	734.00	\$ 118.20	\$ 86,758.80	Depot 2 Bid Analysis
520-1-7	CONCRETE CURB (TYPE B)	LF			-	-	-	\$ 17.00	\$ -	FDOT Statewide Average
520-1-10	CONCRETE CURB & GUTTER (TYPE F)	LF		415.00	23.00	1,784.00	2,222.00	\$ 17.37	\$ 38,596.14	Depot 2 Bid Analysis
522-1	CONCRETE SIDEWALK (4" THICK)	SY		625.00	7,222.22	7,403.33	15,250.56	\$ 34.69	\$ 529,102.77	Depot 2 Bid Analysis
522-2	CONCRETE SIDEWALK (4" THICK)(BICYCLE STAIN)	SY		-	-	-	-	\$ 44.69	\$ -	Plus \$10/SY for Stained
522-2	CONCRETE SIDEWALK (6" THICK)	SY		90.00	8.00	125.00	223.00	\$ 48.38	\$ 10,789.63	Depot 2 Bid Analysis
526-1-2	ARCHITECTUAL PAVERS (TRUCK APRON / CROSSWALKS)	SY			5,555.56		5,555.56	\$ 107.61	\$ 597,857.14	Depot 2, Rail Trail Bids
527-2	DETECTABLE WARNING SURFACE	SF		384.00	40.00	560.00	984.00	\$ 12.00	\$ 11,808.00	
570-1-2	PERFORMANCE TURF, SOD	SY		36.00	982.00	850.00	1,868.00	\$ 4.02	\$ 7,516.83	Depot 2 Bid Analysis
SIGNING AND PAVEMENT MARKING										
700-1-11	SINGLE POST SIGN (LESS THAN 12 SF)	AS			22.00	18.00	40.00	\$ 349.55	\$ 13,982.00	Depot 2 Bid Analysis
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA		434.00	226.00	915.00	1,575.00	\$ 4.60	\$ 7,245.00	SW 16th Ave Bid Analysis
710-11-111	PAINTED PAVT MARKINGS (WHITE SOLID 6")	NM		1.68	2.07	5.61	9.36	\$ 704.49	\$ 6,594.03	FDOT Statewide Average
710-11-122	PAINTED PAVT MARKINGS (WHITE SOLID 8")	LF				498.00	498.00	\$ 0.28	\$ 139.44	FDOT Statewide Average
710-11-123	PAINTED PAVT MARKINGS (WHITE SOLID 12")	LF		1,084.00	230.00	2,259.00	3,573.00	\$ 0.61	\$ 2,179.53	FDOT Statewide Average
710-11-124	PAINTED PAVT MARKINGS (WHITE SOLID 18")	LF				1,151.00	1,151.00	\$ 0.85	\$ 978.35	FDOT Statewide Average
710-11-125	PAINTED PAVT MARKINGS (WHITE SOLID 24")	LF		205.00	47.00	547.00	799.00	\$ 1.22	\$ 974.78	FDOT Statewide Average
710-11-131	PAINTED PAVT MARKINGS (WHITE SKIP 6")	GM		1.65	3.03	0.17	4.85	\$ 271.30	\$ 1,316.15	FDOT Statewide Average
710-11-160	PAINTED PAVT MARKINGS (WHITE MESSAGE)	EA		3.00	11.00	50.00	64.00	\$ 37.50	\$ 2,400.00	FDOT Statewide Average
710-11-170	PAINTED PAVT MARKINGS (WHITE ARROW)	EA		1.00	23.00	103.00	127.00	\$ 83.97	\$ 10,664.19	Depot 2 Bid Analysis
710-11-211	PAINTED PAVT MARKINGS (YELLOW SOLID 6")	NM		1.68	1.89	3.12	6.70	\$ 5,580.10	\$ 37,397.49	Depot 2 Bid Analysis
710-11-224	PAINTED PAVT MARKINGS (YELLOW SOLID 18")	LF				480.00	480.00	\$ 3.13	\$ 1,502.40	Depot 2 Bid Analysis
710-11-231	PAINTED PAVT MARKINGS (YELLOW SKIP 6")	GM				0.56	0.56	\$ 2,172.60	\$ 1,207.97	Depot 2 Bid Analysis
-										
711-11-111	THERMOPLASTIC (WHITE SOLID 6")	NM		1.68	2.07	5.61	9.36	\$ 5,654.00	\$ 52,921.44	Depot 2 Bid Analysis
711-11-122	THERMOPLASTIC (WHITE SOLID 8")	LF				498.00	498.00	\$ 1.92	\$ 957.16	Depot 2 Bid Analysis
711-11-123	THERMOPLASTIC (WHITE SOLID 12")	LF		1,084.00	230.00	2,259.00	3,573.00	\$ 2.91	\$ 10,411.72	Depot 2 Bid Analysis
711-11-124	THERMOPLASTIC (WHITE SOLID 18")	LF				1,151.00	1,151.00	\$ 4.63	\$ 5,326.83	Depot 2 Bid Analysis
711-11-125	THERMOPLASTIC (WHITE SOLID 24")	LF		205.00	47.00	547.00	799.00	\$ 6.31	\$ 5,040.09	Depot 2 Bid Analysis
711-11-131	THERMOPLASTIC (WHITE SKIP 6")	GM		1.65	3.03	0.17	4.85	\$ 2,177.60	\$ 10,564.13	Depot 2 Bid Analysis
711-11-160	THERMOPLASTIC (WHITE MESSAGE)	EA		3.00	11.00	50.00	64.00	\$ 168.85	\$ 10,806.40	Depot 2 Bid Analysis
711-11-170	THERMOPLASTIC (WHITE ARROW)	EA		1.00	23.00	103.00	127.00	\$ 83.97	\$ 10,664.19	Depot 2 Bid Analysis
711-11-211	THERMOPLASTIC (YELLOW SOLID 6")	NM		1.68	1.89	3.12	6.70	\$ 5,640.10	\$ 37,799.61	Depot 2 Bid Analysis
711-11-224	THERMOPLASTIC (YELLOW SOLID 18")	LF				480.00	480.00	\$ 3.13	\$ 1,501.44	Depot 2 Bid Analysis
711-11-231	THERMOPLASTIC (YELLOW SKIP 6")	GM				0.56	0.56	\$ 2,172.60	\$ 1,207.97	Depot 2 Bid Analysis
LANDSCAPING										
	TREES	EA		-	-	10.00	10.00	\$ 300.00	\$ 3,000.00	
	GROUND COVER	EA		-	300.00	100.00	400.00	\$ 7.50	\$ 3,000.00	
	IRRIGATION / LIGHTING CONDUIT FOR FUTURE USE	LF			3,600.00		3,600.00	\$ 10.09	\$ 36,324.00	Depot 2 Bid Analysis
	CROSSINGS/REFUGES FROM 4B								\$ 121,419.80	
	CONTINGENCY	LS						\$ -	\$ -	
Total									\$ 4,185,715.46	

PRELIMINARY ENGINEERS COST ESTIMATE - **OPTION #4D: 4 LANES W/ MEDIAN, CYCLE TRACKS & SOUTH BOARDWALK**

#120521B

CITY PROJECT NO. TBD
NW 8TH AVENUE MILLING AND RESURFACING

PAY ITEM	DESCRIPTION	UNIT	NW 40TH DR. TO NW 34TH	NW 34TH ST. TO NW 23RD	NW 23RD ST. TO NW	Total Quantity	Unit Price	Total Price	Source
			ST. (A1)	ST. (B5)	6TH ST. (C3)				
ROADWAY									
101-1	MOBILIZATION	LS		1.00		1.00	\$ 245,128.87	\$ 245,128.87	Subtotal + 10%
102-1	MAINTENANCE OF TRAFFIC	LS		1.00		1.00	\$ 245,128.87	\$ 245,128.87	Subtotal + 10%
110-1-1	CLEARING AND GRUBBING	LS		1.00		2.5%	\$ 4,392,875.47	\$ 109,821.89	Subtotal
104-10-3	SEDIMENT BARRIER	LF	8,880.00	9,252.00	16,868.00	35,000.00	\$ 2.50	\$ 87,500.00	Depot 2 Bid Analysis
104-18	INLET PROTECTION SYSTEM	EA	30.00	33.00	39.00	102.00	\$ 141.50	\$ 14,433.00	Depot 2 Bid Analysis
107-1	LITTER REMOVAL	AC	12.20	7.10	8.50	27.80	\$ 19.39	\$ 539.04	FDOT Statewide Average
107-2	MOWING	AC	9.40	5.60	4.10	19.10	\$ 35.31	\$ 674.42	FDOT Statewide Average
110-4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	807.00	5,671.56	4,803.33	11,281.89	\$ 11.00	\$ 124,100.78	SW 16th Ave Bid Analysis
120-1	REGULAR EXCAVATION	CY		615.96		615.96	\$ 13.19	\$ 8,121.84	Depot 2 Bid Analysis
120-6	EMBANKMENT	CY		1,711.96		1,711.96	\$ 14.71	\$ 25,186.40	Depot 2 Bid Analysis
160-4	STABILIZATION TYPE B	SY		4,437.78		4,437.78	\$ 11.40	\$ 50,590.67	Depot 2 Bid Analysis
285-705	BASE OPTION (8" GRADED AGGREGATE)	SY		4,437.78		4,437.78	\$ 11.40	\$ 50,590.67	Depot 2 Bid Analysis
327-70-5	MILLING EXISTING ASPHALT PAVEMENT (2" AVG. DEPTH)	SY	22,237.00	23,850.00		46,087.00	\$ 1.56	\$ 71,895.72	SW 16th Ave Bid Analysis
327-70-15	MILLING EXISTING ASPHALT PAVEMENT (2.75" AVG. DEPTH)	SY			35,927.00	35,927.00	\$ 1.95	\$ 70,057.65	SW 16th Ave Bid Analysis
334-1-13	SUPERPAVE ASPHALTIC CONC., TRAFFIC C	TN			2,470.00	2,470.00	\$ 135.00	\$ 333,450.00	Depot 2 Bid Analysis
337-7-43	ASPHALT CONCRETE FRICTION COURSE (TRAFFIC C) (FC-12.5) (PG 76-22)	TN	2,446.10	2,782.80	2,964.00	8,192.90	\$ 135.00	\$ 1,106,041.50	Depot 2 Bid Analysis
400-2-11	CLASS II CONCRETE, RETAINING WALLS	CY		56.00	98.00	154.00	\$ 640.00	\$ 98,560.00	SW 16th Ave Bid Analysis
425-1-312	INLETS (CURB) (TYPE P-1) (>10')	EA		10.00		10.00	\$ 7,101.04	\$ 71,010.36	Depot 2 Bid Analysis
425-5	ADJUST INLET TOPS	EA		-		-	\$ 300.00	\$ -	Depot 2 Bid Analysis
415-1-3	REINFORCING STEEL, RETAINING WALL	LB		1,600.00	9,610.00	11,210.00	\$ 0.94	\$ 10,537.40	FDOT Statewide Average
430-175-118	PIPE CULVERT (RCP ONLY) (ROUND) (18")	LF		100.00		100.00	\$ 60.72	\$ 6,071.91	Depot 2 Bid Analysis
515-1-2	PIPE HANDRAIL-GUIDERAIL, ALUMINUM	LF		400.00	334.00	734.00	\$ 118.20	\$ 86,758.80	Depot 2 Bid Analysis
520-1-7	CONCRETE CURB (TYPE B)	LF		12,000.00		12,000.00	\$ 20.40	\$ 244,800.00	FDOT Statewide Average
520-1-10	CONCRETE CURB & GUTTER (TYPE F)	LF	415.00	3,994.00	1,784.00	6,193.00	\$ 17.37	\$ 107,572.41	Depot 2 Bid Analysis
522-1	CONCRETE SIDEWALK (4" THICK)	SY	625.00	10,000.00	7,403.33	18,028.33	\$ 34.69	\$ 625,475.00	Depot 2 Bid Analysis
522-2	CONCRETE SIDEWALK (4" THICK)(BICYCLE STAIN)	SY		-	-	-	\$ 44.69	\$ -	Plus \$10/SY for Stained
522-2	CONCRETE SIDEWALK (6" THICK)	SY	90.00	8.00	125.00	223.00	\$ 48.38	\$ 10,789.63	Depot 2 Bid Analysis
526-1-2	ARCHITECTUAL PAVERS (TRUCK APRON / CROSSWALKS)	SY		33.33		33.33	\$ 107.61	\$ 3,587.14	Depot 2 Bid Analysis
527-2	DETECTABLE WARNING SURFACE	SF	384.00	40.00	560.00	984.00	\$ 12.00	\$ 11,808.00	
570-1-2	PERFORMANCE TURF, SOD	SY	36.00	982.00	850.00	1,868.00	\$ 4.02	\$ 7,516.83	Depot 2 Bid Analysis
	BOARDWALK W/ RAILING	LF		4,000.00		4,000.00	\$ 200.00	\$ 800,000.00	Albemarle Comprehensive Pedestrian Plan
	RELOCATE PLANETS	EA		9.00		9.00	\$ 2,500.00	\$ 22,500.00	
SIGNING AND PAVEMENT MARKING									
700-1-11	SINGLE POST SIGN (LESS THAN 12 SF)	AS		22.00	18.00	40.00	\$ 349.55	\$ 13,982.00	Depot 2 Bid Analysis
	RECTANGULAR RAPID FLASHING BEACON	EA		-	9.00	9.00	\$ 3,750.00	\$ 33,750.00	
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	434.00	226.00	915.00	1,575.00	\$ 4.60	\$ 7,245.00	SW 16th Ave Bid Analysis
710-11-111	PAINTED PAVT MARKINGS (WHITE SOLID 6")	NM	1.68	2.07	5.61	9.36	\$ 704.49	\$ 6,594.03	FDOT Statewide Average
710-11-122	PAINTED PAVT MARKINGS (WHITE SOLID 8")	LF			498.00	498.00	\$ 0.28	\$ 139.44	FDOT Statewide Average
710-11-123	PAINTED PAVT MARKINGS (WHITE SOLID 12")	LF	1,084.00	230.00	2,259.00	3,573.00	\$ 0.61	\$ 2,179.53	FDOT Statewide Average
710-11-124	PAINTED PAVT MARKINGS (WHITE SOLID 18")	LF			1,151.00	1,151.00	\$ 0.85	\$ 978.35	FDOT Statewide Average
710-11-125	PAINTED PAVT MARKINGS (WHITE SOLID 24")	LF	205.00	47.00	547.00	799.00	\$ 1.22	\$ 974.78	FDOT Statewide Average
710-11-131	PAINTED PAVT MARKINGS (WHITE SKIP 6")	GM	1.65	3.03	0.17	4.85	\$ 271.30	\$ 1,316.15	FDOT Statewide Average
710-11-160	PAINTED PAVT MARKINGS (WHITE MESSAGE)	EA	3.00	11.00	50.00	64.00	\$ 37.50	\$ 2,400.00	FDOT Statewide Average
710-11-170	PAINTED PAVT MARKINGS (WHITE ARROW)	EA	1.00	23.00	103.00	127.00	\$ 83.97	\$ 10,664.19	Depot 2 Bid Analysis
710-11-211	PAINTED PAVT MARKINGS (YELLOW SOLID 6")	NM	1.68	1.89	3.12	6.70	\$ 5,580.10	\$ 37,397.49	Depot 2 Bid Analysis
710-11-224	PAINTED PAVT MARKINGS (YELLOW SOLID 18")	LF			480.00	480.00	\$ 3.13	\$ 1,502.40	Depot 2 Bid Analysis
710-11-231	PAINTED PAVT MARKINGS (YELLOW SKIP 6")	GM			0.56	0.56	\$ 2,172.60	\$ 1,207.97	Depot 2 Bid Analysis
							\$	\$	
711-11-111	THERMOPLASTIC (WHITE SOLID 6")	NM	1.68	2.07	5.61	9.36	\$ 5,654.00	\$ 52,921.44	Depot 2 Bid Analysis
711-11-122	THERMOPLASTIC (WHITE SOLID 8")	LF			498.00	498.00	\$ 1.92	\$ 957.16	Depot 2 Bid Analysis
711-11-123	THERMOPLASTIC (WHITE SOLID 12")	LF	1,084.00	230.00	2,259.00	3,573.00	\$ 2.91	\$ 10,411.72	Depot 2 Bid Analysis
711-11-124	THERMOPLASTIC (WHITE SOLID 18")	LF			1,151.00	1,151.00	\$ 4.63	\$ 5,326.83	Depot 2 Bid Analysis
711-11-125	THERMOPLASTIC (WHITE SOLID 24")	LF	205.00	47.00	547.00	799.00	\$ 6.31	\$ 5,040.09	Depot 2 Bid Analysis
711-11-123	THERMOPLASTIC (WHITE SOLID 12")	LF					\$	\$	
711-11-125	THERMOPLASTIC (WHITE SOLID 24")	LF					\$	\$	
711-11-131	THERMOPLASTIC (WHITE SKIP 6")	GM	1.65	3.03	0.17	4.85	\$ 2,177.60	\$ 10,564.13	Depot 2 Bid Analysis
711-11-160	THERMOPLASTIC (WHITE MESSAGE)	EA	3.00	11.00	50.00	64.00	\$ 168.85	\$ 10,806.40	Depot 2 Bid Analysis
711-11-170	THERMOPLASTIC (WHITE ARROW)	EA	1.00	23.00	103.00	127.00	\$ 83.97	\$ 10,664.19	Depot 2 Bid Analysis
711-11-211	THERMOPLASTIC (YELLOW SOLID 6")	NM	1.68	1.89	3.12	6.70	\$ 5,640.10	\$ 37,799.60838	Depot 2 Bid Analysis
711-11-224	THERMOPLASTIC (YELLOW SOLID 18")	LF			480.00	480.00	\$ 3.13	\$ 1,501.44	Depot 2 Bid Analysis
711-11-231	THERMOPLASTIC (YELLOW SKIP 6")	GM			0.56	0.56	\$ 2,172.60	\$ 1,207.97	Depot 2 Bid Analysis
LANDSCAPING									
	TREES	EA		72.00	10.00	82.00	\$ 300.00	\$ 24,600.00	
	GROUND COVER	EA		1,800.00	100.00	1,900.00	\$ 7.50	\$ 14,250.00	
	IRRIGATION / LIGHTING CONDUIT FOR FUTURE USE	LF		3,600.00		3,600.00	\$ 10.09	\$ 36,324.00	Depot 2 Bid Analysis
	CONTINGENCY	LS					\$	\$	
Total								\$ 4,992,955.09	

NW 8th Avenue - Section B Isolation

#120521B

Cost Estimates for 2/19/15 City Commission Presentation

Work Trade	Budget	Option #4A	Option #4B	Option #4C	Option #4D
Asphalt		\$ 412,884.00	\$ 412,884.00	\$ 412,884.00	\$ 514,065.33
Concrete & Pavers		\$ 389,755.47	\$ 389,755.47	\$ 899,971.50	\$ 827,276.27
Landscaping		\$ 42,525.57	\$ 42,525.57	\$ 42,525.57	\$ 75,375.57
Signs & Stripes		\$ 57,854.42	\$ 57,854.42	\$ 57,854.42	\$ 57,854.42
Refuges, Crossings		\$ 22,500.00	\$ 121,419.80	\$ 121,419.80	\$ 33,750.00
Boardwalk		\$ -	\$ -	\$ -	\$ 822,500.00
Incidentals		\$ 288,297.11	\$ 288,297.11	\$ 373,647.42	\$ 355,647.39
Total		\$ 1,213,816.57	\$ 1,312,736.37	\$ 1,908,302.71	\$ 2,686,468.98
Rounded	\$ 3,565,000.00	\$ 1,214,000.00	\$ 1,313,000.00	\$ 1,909,000.00	\$ 2,687,000.00
Budget	\$ 3,565,000.00				

