

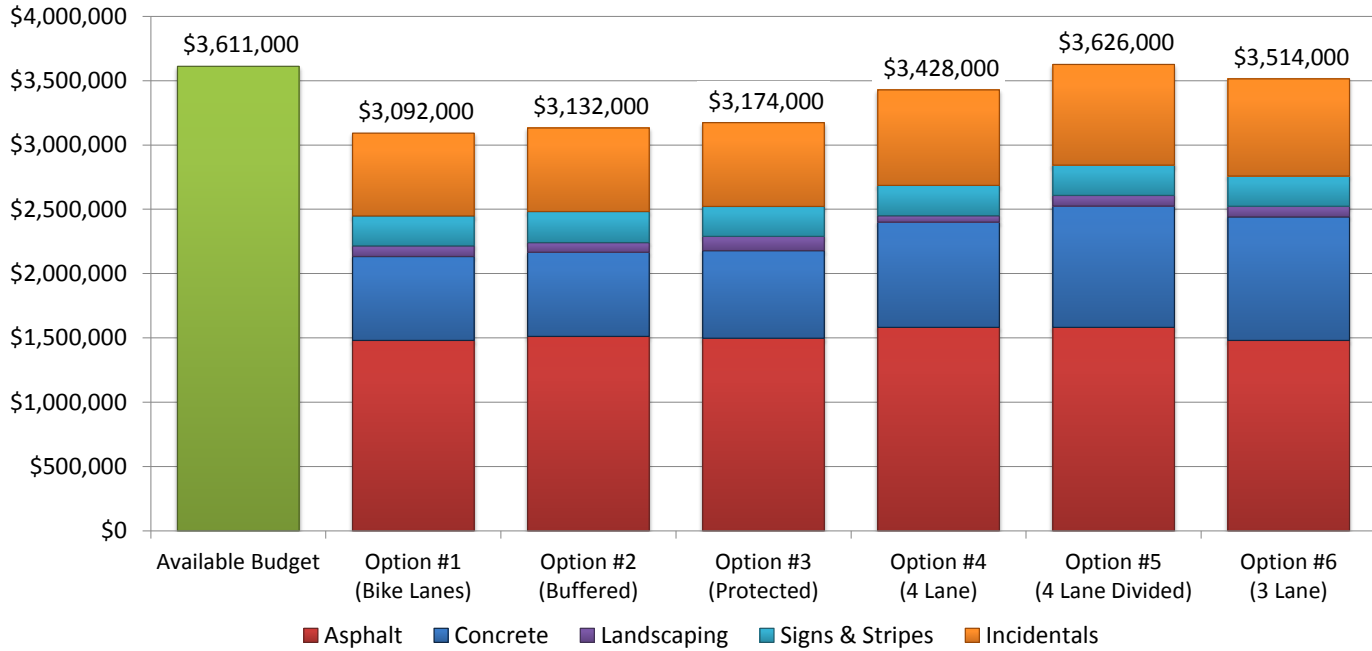
**NW 8th Avenue**

Cost Estimates for 12/4/14 City Commission Presentation

Legislative ID# 120521G

Work Trade	Available Budget	Option #1 (Bike Lanes)	Option #2 (Buffered)	Option #3 (Protected)	Option #4 (4 Lane)	Option #5 (4 Lane Divided)	Option #6 (3 Lane)
Asphalt		\$ 1,479,917.25	\$ 1,511,136.35	\$ 1,496,917.32	\$ 1,581,444.87	\$ 1,581,444.87	\$ 1,479,917.25
Concrete		\$ 652,427.64	\$ 654,300.44	\$ 681,073.64	\$ 818,196.17	\$ 943,086.44	\$ 960,356.17
Landscaping		\$ 82,690.83	\$ 75,150.52	\$ 110,780.83	\$ 49,840.83	\$ 82,690.83	\$ 82,690.83
Signs & Stripes		\$ 232,910.71	\$ 241,498.51	\$ 232,910.71	\$ 235,656.75	\$ 235,656.75	\$ 235,218.26
Incidentals		\$ 643,568.41	\$ 649,542.81	\$ 651,320.23	\$ 742,435.33	\$ 782,686.36	\$ 755,218.01
<b>Total</b>	<b>\$ 3,611,000.00</b>	<b>\$ 3,092,000.00</b>	<b>\$ 3,132,000.00</b>	<b>\$ 3,174,000.00</b>	<b>\$ 3,428,000.00</b>	<b>\$ 3,626,000.00</b>	<b>\$ 3,514,000.00</b>
<b>Budget</b>	<b>\$ 3,611,000.00</b>						

Include conduits in all Options? Yes  
 Include wider sidewalks in Option #4? Yes  
 Include wider sidewalks in All Options? No



**PRELIMINARY ENGINEERS COST ESTIMATE - OPTION #5: 4 LANES W/ MEDIAN**  
**CITY PROJECT NO. TBD**  
**NW 8TH AVENUE MILLING AND RESURFACING**

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
<b>ROADWAY</b>									
101-1	MOBILIZATION	LS	1.00			7.5%	\$ 3,085,587.45	\$ 231,419.06	
102-1	MAINTENANCE OF TRAFFIC	LS	1.00			7.5%	\$ 3,085,587.45	\$ 231,419.06	
110-1-1	CLEARING AND GRUBBING	LS	1.00			2.5%	\$ 3,085,587.45	\$ 77,139.69	
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	4,553.78	4,803.33	10,164.11	\$ 11.00	\$ 111,805.22	SW 16th Ave Bid Analysis
120-1	REGULAR EXCAVATION	CY		615.96		615.96	\$ 10.99	\$ 6,768.20	Depot 2 Bid Analysis
120-6	EMBANKMENT	CY		1,711.96		1,711.96	\$ 12.26	\$ 20,988.67	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			98.00	98.00	\$ 640.00	\$ 62,720.00	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			9,610.00	9,610.00	\$ 0.94	\$ 9,033.40	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			334.00	334.00	\$ 118.20	\$ 39,478.80	Depot 2 Bid Analysis
520-1-7	CONCRETE CURB (TYPE B)	LF		7,988.00		7,988.00	\$ 17.00	\$ 135,796.00	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	5,925.78	7,403.33	13,954.11	\$ 34.69	\$ 484,123.93	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	ARCHITECTURAL PAVERS (TRUCK APRON / CROSSWALKS)	SY		33.33		33.33	\$ 140.46	\$ 4,682.00	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
<b>SIGNING AND PAVEMENT MARKING</b>									
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	2.06	3.12	6.87	\$ 5,580.10	\$ 38,329.71	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	2.06	3.12	6.87	\$ 5,640.10	\$ 38,741.85	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
<b>LANDSCAPING</b>									
	TREES	EA		72.00	10.00	82.00	\$ 300.00	\$ 24,600.00	
	GROUNDCOVER	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				0%	\$ 3,625,565.25	\$ -	
<b>Total</b>								<b>\$ 3,625,565.25</b>	

**PRELIMINARY ENGINEERS COST ESTIMATE - OPTION #6: THREE LANE SECTION**  
**CITY PROJECT NO. TBD**  
**NW 8TH AVENUE MILLING AND RESURFACING**

PAY ITEM	DESCRIPTION	UNIT	NW 40TH DR. TO NW	NW 34TH ST. TO NW	NW 23RD ST. TO	Total Quantity	Unit Price	Total Price	Source
			34TH ST. (A1)	23RD ST. (B5)	NW 6TH ST. (C3)				
<b>ROADWAY</b>									
101-1	MOBILIZATION	LS	1.00			7.5%	\$ 2,990,128.10	\$ 224,259.61	
102-1	MAINTENANCE OF TRAFFIC	LS	1.00			7.5%	\$ 2,990,128.10	\$ 224,259.61	
110-1-1	CLEARING AND GRUBBING	LS	1.00			2.5%	\$ 2,990,128.10	\$ 74,753.20	
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	4,553.78	4,803.33	10,164.11	\$ 11.00	\$ 111,805.22	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	18,973.00		41,210.00	\$ 1.56	\$ 64,287.60	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	2,087.10	2,964.00	7,497.20	\$ 135.00	\$ 1,012,122.00	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
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		7,988.00		7,988.00	\$ 17.00	\$ 135,796.00	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	10,363.56	7,403.33	18,391.89	\$ 34.69	\$ 638,088.19	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	ARCHITECTURAL PAVERS (TRUCK APRON / CROSSWALKS)	SY		100.00		100.00	\$ 140.46	\$ 14,046.00	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
<b>SIGNING AND PAVEMENT MARKING</b>									
700-1-11	SINGLE POST SIGN (LESS THAN 12 SF)	AS		20.00	18.00	38.00	\$ 349.55	\$ 13,282.90	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	1.56	0.17	3.37	\$ 271.30	\$ 915.37	FDOT Statewide Average
710-11-160	PAINTED PAVT MARKINGS (WHITE MESSAGE)	EA	3.00	22.00	50.00	75.00	\$ 37.50	\$ 2,812.50	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	2.06	3.12	6.87	\$ 5,580.10	\$ 38,329.71	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	1,172.60	\$ 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	2.29	0.17	4.11	\$ 2,177.60	\$ 8,955.68	Depot 2 Bid Analysis
711-11-160	THERMOPLASTIC (WHITE MESSAGE)	EA	3.00	22.00	50.00	75.00	\$ 168.85	\$ 12,663.75	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	2.06	3.12	6.87	\$ 5,640.10	\$ 38,741.85	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	1,172.60	\$ 2,172.60	\$ 1,207.97	Depot 2 Bid Analysis
<b>LANDSCAPING</b>									
	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				0%	\$ 3,513,400.52	\$ -	
<b>Total</b>								<b>\$ 3,513,400.52</b>	