



ARC SURVEYING & MAPPING INC.
PRE-DREDGE QUANTITY TABULATION FOR
ISLE OF PALMS SOUTH
LOCATED IN DUVAL COUNTY, FLORIDA

July 17, 2020

Total Quantity Summary
ARC JOB NO. 2020-0077

ARC SURVEYING'S
VOLUME CALCULATIONS IN CUBIC YARDS

SURVEY DATED: JULY 6-10, 2020

	5' TEMPLATE	AREA BETWEEN -5' AND -6' TEMPLATE	TOTAL MATERIAL
BASELINE - 1	22,007	8,280	30,287
BASELINE - 2	6,342	2,020	8,362
BASELINE - 3	7,301	3,072	10,373
BASELINE - 4	11,774	3,801	15,575
BASELINE - 5	12,929	4,661	17,590
TOTALS	60,354	21,834	82,188

ARC SURVEYING & MAPPING INC.

July 17, 2020

PRE-DREDGE QUANTITY TABULATION FOR ISLE OF PALMS SOUTH
 LOCATED IN DUVAL COUNTY,FLORIDA
 FOR STATIONS 0+00 THRU 57+30.
 WITH SIDE SLOPES AT 3:1 AND A DEPTH OF -5 FEET

SURVEY BASELINE 1 ARC JOB NO. 2020-0077
SURVEY DATED: JULY 6-10, 2020

	STATION	END AREA SQ. FT.	CUBIC YARDS	TOTAL CUBIC YARDS VOLUME
	00+00.00	0	0.0	0.0
	00+50.00	0	0.0	0.0
	01+00.00	0	0.0	0.0
	01+50.00	0	0.0	0.0
	02+00.00	0	0.0	0.0
	02+50.00	0	0.0	0.0
	03+00.00	0	0.0	0.0
	03+50.00	0	0.0	0.0
	04+00.00	6.8	6.3	6.3
	04+50.00	62.1	63.8	70.1
	05+00.00	73.3	125.4	195.5
	05+50.00	83	144.7	340.2
	06+00.00	78.8	149.8	490.0
	06+50.00	83.9	150.6	640.6
	07+00.00	64.7	137.6	778.2
	07+50.00	52.5	108.5	886.8
	08+00.00	23.8	70.6	957.4
	08+50.00	18.1	38.8	996.2
	09+00.00	2.9	19.4	1015.6
	09+50.00	7.8	9.9	1025.6
	10+00.00	1	8.1	1033.7
	10+50.00	0	0.9	1034.6
	11+00.00	2.6	2.4	1037.0
	11+50.00	0	2.4	1039.4
	12+00.00	2.6	2.4	1041.9
	12+50.00	1.2	3.5	1045.4
	13+00.00	10.7	11.0	1056.4
Forward Station	13+44.00	9.1	16.1	1072.5
Begin Dock	13+44.00	9.2	0.0	1072.5
	13+50.00	12.2	2.4	1074.9
End Dock	13+71.00	23.3	13.8	1088.7
Back Station	13+71.00	23.4	0.0	1088.7
	14+00.00	33.6	30.6	1119.3
	14+50.00	44	71.9	1191.2
	15+00.00	70.4	105.9	1297.1

	15+50.00	35.1	97.7	1394.8
Forward Station	15+51.00	34.8	1.3	1396.1
Begin Dock	15+51.00	34.8	0.0	1396.1
End Dock	15+83.00	29.7	38.2	1434.3
Back Station	15+83.00	29.7	0.0	1434.3
	16+00.00	27.8	18.1	1452.4
	16+50.00	12.1	36.9	1489.3
	17+00.00	24.2	33.6	1523.0
	17+50.00	19.5	40.5	1563.4
	18+00.00	5.2	22.9	1586.3
	18+50.00	32	34.4	1620.7
	19+00.00	47.4	73.5	1694.3
	19+50.00	44.3	84.9	1779.2
	20+00.00	56.3	93.1	1872.3
	20+50.00	13.8	64.9	1937.2
	21+00.00	7.7	19.9	1957.1
	21+50.00	9.3	15.7	1972.9
	22+00.00	6.1	14.3	1987.1
	22+50.00	24.2	28.1	2015.2
	23+00.00	113.6	127.6	2142.8
	23+50.00	132.8	228.1	2370.9
	24+00.00	122.3	236.2	2607.1
	24+50.00	78.7	186.1	2793.2
	25+00.00	73.2	140.6	2933.9
	25+50.00	71.9	134.4	3068.2
	26+00.00	62	124.0	3192.2
	26+50.00	67.8	120.2	3312.4
	27+00.00	38.3	98.2	3410.6
	27+50.00	86.1	115.2	3525.8
	28+00.00	107	178.8	3704.6
	28+50.00	151.4	239.3	3943.9
	29+00.00	168.1	295.8	4239.7
	29+50.00	155.9	300.0	4539.7
	30+00.00	141.9	275.7	4815.5
	30+50.00	75.8	201.6	5017.0
Forward Station	30+93.00	133.8	166.9	5183.9
Begin Dock	30+93.00	133.8	0.0	5183.9
Dock	31+00.00	133.5	34.7	5218.6
End Dock	31+49.00	99.6	211.5	5430.1
Back Station	31+49.00	99.6	0.0	5430.1
	31+50.00	99	3.7	5433.8
	32+00.00	159.1	239.0	5672.8
	32+50.00	170.4	305.1	5977.9
	33+00.00	133.8	281.7	6259.5
	33+50.00	142.5	255.8	6515.4
	34+00.00	159.6	279.7	6795.1
Forward Station	34+19.00	152.1	109.7	6904.7
Begin Dock	34+19.00	152.1	0.0	6904.7
End Dock	34+48.00	110.9	141.2	7046.0
Back Station	34+48.00	110.9	0.0	7046.0
	34+50.00	105.4	8.0	7054.0
	35+00.00	146.8	233.5	7287.5
	35+50.00	169	292.4	7579.9

	36+00.00	117	264.8	7844.7
	36+50.00	184	278.7	8123.4
Forward Station	36+53.00	183.6	20.4	8143.9
Begin Dock	36+53.00	183.6	0.0	8143.9
End Dock	36+92.00	174.7	258.8	8402.6
Back Station	36+92.00	174.7	0.0	8402.6
	37+00.00	172.7	51.5	8454.1
	37+50.00	126.8	277.3	8731.4
Forward Station	37+87.00	163.2	198.7	8930.1
Begin Dock	37+87.00	145.1	0.0	8930.1
Dock	38+00.00	126.8	65.5	8995.6
	38+50.00	166.1	271.2	9266.8
End Dock	38+56.00	168.8	37.2	9304.0
Back Station	38+56.00	168.8	0.0	9304.0
	39+00.00	174	279.3	9583.3
	39+50.00	188.8	335.9	9919.2
	40+00.00	188.2	349.1	10268.3
	40+50.00	126.4	291.3	10559.6
Forward Station	40+68.00	160.3	95.6	10655.2
Begin Dock	40+68.00	160.4	0.0	10655.2
End Dock	40+88.00	192.6	130.7	10785.9
Back Station	40+88.00	192.6	0.0	10785.9
	41+00.00	195.8	86.3	10872.2
	41+50.00	123.1	295.3	11167.5
	42+00.00	128.6	233.1	11400.6
	42+50.00	294.2	391.5	11792.0
	43+00.00	218.8	475.0	12267.0
	43+50.00	250.2	434.3	12701.3
	44+00.00	240.3	454.2	13155.5
	44+50.00	235.6	440.6	13596.1
	45+00.00	199.8	403.1	13999.3
	45+50.00	242.2	409.3	14408.5
	46+00.00	260.3	465.3	14873.8
	46+50.00	282.7	502.8	15376.6
	47+00.00	267.8	509.7	15886.3
	47+50.00	233.5	464.2	16350.5
	48+00.00	221.3	421.1	16771.6
	48+50.00	136.7	331.5	17103.1
	49+00.00	158.2	273.1	17376.1
	49+50.00	139.3	275.5	17651.6
	50+00.00	180.4	296.0	17947.6
	50+50.00	112.7	271.4	18219.0
	51+00.00	146.9	240.4	18459.4
	51+50.00	174.5	297.6	18756.9
	52+00.00	150.4	300.8	19057.8
	52+50.00	162.3	289.5	19347.3
Forward Station	52+77.00	156.7	159.5	19506.8
Begin Dock	52+77.00	156.7	0.0	19506.8
Dock	53+00.00	153.7	132.2	19639.0
End Dock	53+05.00	154.1	28.5	19667.5
Back Station	53+05.00	154.1	0.0	19667.5
Forward Station	53+23.00	153.8	102.6	19770.2
Begin Dock	53+23.00	153.8	0.0	19770.2

	53+50.00	150.2	152.0	19922.2
End Dock	53+57.00	146.4	38.4	19960.6
Back Station	53+57.00	146.3	0.0	19960.6
	54+00.00	113.5	206.9	20167.5
Forward Station	54+19.00	148	92.0	20259.5
Begin Dock	54+19.00	140.2	0.0	20259.5
	54+50.00	159.9	172.3	20431.8
End Dock	54+54.00	161.3	23.8	20455.6
Back Station	54+54.00	161.3	0.0	20455.6
Forward Station	54+97.00	141.4	241.0	20696.6
Begin Dock	54+97.00	141.4	0.0	20696.6
Dock	55+00.00	140.6	15.7	20712.3
End Dock	55+16.00	144.7	84.5	20796.8
Back Station	55+16.00	144.7	0.0	20796.8
	55+50.00	152.3	187.0	20983.8
	56+00.00	154.1	283.7	21267.5
Forward Station	56+26.00	163.1	152.7	21420.2
Begin Dock	56+26.00	165.3	0.0	21420.2
End Dock	56+42.00	157.4	95.6	21515.9
Back Station	56+42.00	165.8	0.0	21515.9
	56+50.00	165.1	49.0	21564.9
	57+00.00	132.1	275.2	21840.1
	57+30.00	167.87	166.7	22006.7

TOTAL QUANTITY TO BE EXCAVATED = 22006.7 CUBIC YARDS

ARC SURVEYING & MAPPING INC.

July 17, 2020

PRE-DREDGE QUANTITY TABULATION FOR ISLE OF PALMS SOUTH
 LOCATED IN DUVAL COUNTY,FLORIDA
 FOR STATIONS 0+80 THRU 13+33.
 WITH SIDE SLOPES AT 3:1 AND A DEPTH OF -5 FEET

SURVEY BASELINE 2 ARC JOB NO. 2020-0077
SURVEY DATED: JULY 6-10, 2020

	STATION	END AREA SQ. FT.	CUBIC YARDS	TOTAL CUBIC YARDS VOLUME
	00+80.00	176.3	0.0	0.0
	01+00.00	203.4	140.6	140.6
	01+50.00	207.6	380.6	521.2
Forward Station	01+91.00	184.8	297.9	819.1
Begin Dock	01+91.00	152.1	0.0	819.1
Dock	02+00.00	156	51.4	870.5
End Dock	02+07.00	154.9	40.3	910.8
Back Station	02+07.00	167.3	0.0	910.8
	02+50.00	196.2	289.5	1200.2
	03+00.00	143.7	314.7	1514.9
	03+50.00	152.3	274.1	1789.0
	04+00.00	209.2	334.7	2123.7
Forward Station	04+39.00	168.6	272.9	2396.6
Begin Dock	04+39.00	123.9	0.0	2396.6
	04+50.00	109.1	47.5	2444.1
End Dock	04+51.00	106.7	4.0	2448.1
Back Station	04+51.00	171.7	0.0	2448.1
	05+00.00	210.8	347.1	2795.1
	05+50.00	120.3	306.6	3101.7
	06+00.00	170.2	269.0	3370.7
Forward Station	06+47.00	174.3	299.8	3670.5
Begin Dock	06+47.00	165.2	0.0	3670.5
	06+50.00	163.7	18.3	3688.8
End Dock	06+77.00	157.5	160.6	3849.4
Back Station	06+77.00	186	0.0	3849.4
	07+00.00	94.5	119.5	3968.9
	07+50.00	155.5	231.5	4200.4
	08+00.00	134.5	268.5	4468.9
Forward Station	08+39.00	73.7	150.4	4619.3
Begin Dock	08+39.00	104.2	0.0	4619.3
	08+50.00	103.3	42.3	4661.5
End Dock	08+72.00	100.6	83.1	4744.6
Back Station	08+72.00	100.4	0.0	4744.6
	09+00.00	85.7	96.5	4841.1
	09+50.00	87.6	160.5	5001.5
	10+00.00	89.9	164.4	5165.9
	10+50.00	65.8	144.2	5310.1
	11+00.00	76.7	131.9	5442.0

11+50.00	74	139.5	5581.5
12+00.00	107.6	168.1	5749.7
12+50.00	122.6	213.1	5962.8
13+00.00	123.2	227.6	6190.4
13+28.52	164.6	152.0	6342.4

TOTAL QUANTITY TO BE EXCAVATED = **6342** CUBIC YARDS

ARC SURVEYING & MAPPING INC.

July 17, 2020

PRE-DREDGE QUANTITY TABULATION FOR ISLE OF PALMS SOUTH
 LOCATED IN DUVAL COUNTY,FLORIDA
 FOR STATIONS 0+50 THRU 27+15.
 WITH SIDE SLOPES AT 3:1 AND A DEPTH OF -5 FEET

SURVEY BASELINE 3 ARC JOB NO. 2020-0077
SURVEY DATED: JULY 6-10, 2020

	STATION	END AREA SQ. FT.	CUBIC YARDS	TOTAL CUBIC YARDS VOLUME
	00+50.00	183	0.0	0.0
	01+00.00	37.8	204.4	204.4
	01+50.00	59.3	89.9	294.4
	02+00.00	49.7	100.9	395.3
	02+50.00	50.3	92.6	487.9
	03+00.00	40.3	83.9	571.8
	03+50.00	21.4	57.1	628.9
	04+00.00	61.5	76.8	705.6
	04+50.00	52	105.1	810.7
	05+00.00	34.7	80.3	891.0
	05+50.00	65.1	92.4	983.4
	06+00.00	70.1	125.2	1108.6
	06+50.00	47	108.4	1217.0
	07+00.00	65.8	104.4	1321.5
	07+50.00	83.1	137.9	1459.4
	08+00.00	57.5	130.2	1589.5
	08+50.00	57.2	106.2	1695.7
	09+00.00	75.9	123.2	1819.0
	09+50.00	80.4	144.7	1963.7
	10+00.00	109.5	175.8	2139.5
	10+50.00	72.8	168.8	2308.3
	11+00.00	53.5	116.9	2425.3
	11+50.00	107.5	149.1	2574.4
	12+00.00	100.5	192.6	2766.9
	12+50.00	92.8	179.0	2945.9
	13+00.00	123.2	200.0	3145.9
Forward Station	13+16.00	121.6	72.5	3218.5
Begin Dock	13+16.00	121.6	0.0	3218.5
End Dock	13+45.00	117.1	128.2	3346.7
Back Station	13+45.00	115.6	0.0	3346.7
	13+50.00	113.9	21.3	3367.9
	14+00.00	75.9	175.7	3543.6
	14+50.00	97.5	160.6	3704.2

	15+00.00	116.8	198.4	3902.6
	15+50.00	60.1	163.8	4066.4
	16+00.00	89.5	138.5	4204.9
Forward Station	16+06.00	91.1	20.1	4225.0
Begin Dock	16+06.00	91.4	0.0	4225.0
End Dock	16+46.00	100.4	142.1	4367.1
Back Station	16+46.00	100.4	0.0	4367.1
	16+50.00	103.2	15.1	4382.2
	17+00.00	111.5	198.8	4581.0
Forward Station	17+11.00	106.2	44.3	4625.3
Begin Dock	17+11.00	106.2	0.0	4625.3
End Dock	17+24.00	101.4	50.0	4675.3
Back Station	17+24.00	101.4	0.0	4675.3
	17+50.00	82.4	88.5	4763.8
	18+00.00	64.5	136.0	4899.8
	18+50.00	113.4	164.7	5064.5
	19+00.00	100.4	198.0	5262.5
	19+50.00	64.9	153.1	5415.5
	20+00.00	90.5	143.9	5559.4
	20+50.00	71.1	149.6	5709.1
	21+00.00	61.4	122.7	5831.7
	21+50.00	54.9	107.7	5939.4
	22+00.00	57	103.6	6043.0
	22+50.00	50.4	99.4	6142.5
	23+00.00	48.5	91.6	6234.1
	23+50.00	58.7	99.3	6333.3
	24+00.00	78.5	127.0	6460.4
	24+50.00	58.2	126.6	6586.9
Forward Station	24+90.00	63.9	90.4	6677.4
Begin Dock	24+90.00	63.9	0.0	6677.4
Dock	25+00.00	63	23.5	6700.9
End Dock	25+32.00	91.8	91.7	6792.6
Back Station	25+32.00	91.8	0.0	6792.6
	25+50.00	102.4	64.7	6857.3
	26+00.00	64.8	154.8	7012.2
	26+50.00	70.3	125.1	7137.2
	27+00.00	106.2	163.4	7300.7

TOTAL QUANTITY TO BE EXCAVATED = **7301** CUBIC YARDS

ARC SURVEYING & MAPPING INC.

July 17, 2020

PRE-DREDGE QUANTITY TABULATION FOR ISLE OF PALMS SOUTH
 LOCATED IN DUVAL COUNTY,FLORIDA
 FOR STATIONS 0+50 THRU 30+50.
 WITH SIDE SLOPES AT 3:1 AND A DEPTH OF -5 FEET

SURVEY BASELINE 4 ARC JOB NO. 2020-0077
SURVEY DATED: JULY 6-10, 2020

	STATION	END AREA SQ. FT.	CUBIC YARDS	TOTAL CUBIC YARDS VOLUME
	00+50.00	18.7	0.0	0.0
	01+00.00	105.6	115.1	115.1
	01+50.00	141.3	228.6	343.7
	02+00.00	116	238.2	581.9
	02+50.00	146.4	243.0	824.9
	03+00.00	110.8	238.1	1063.1
	03+50.00	90.7	186.6	1249.6
	04+00.00	91.4	168.6	1418.2
Forward Station	04+20.00	94.3	68.8	1487.0
Begin Dock	04+20.00	93.4	0.0	1487.0
	04+50.00	86.6	100.0	1587.0
End Dock	04+60.00	80.5	30.9	1618.0
Back Station	04+60.00	84.3	0.0	1618.0
	05+00.00	63.5	109.5	1727.4
	05+50.00	37.2	93.2	1820.7
	06+00.00	138.9	163.1	1983.7
	06+50.00	53.4	178.1	2161.8
	07+00.00	51.4	97.0	2258.8
	07+50.00	136	173.5	2432.4
	08+00.00	122	238.9	2671.2
	08+50.00	40.8	150.7	2822.0
	09+00.00	130.5	158.6	2980.6
	09+50.00	129.6	240.8	3221.4
	10+00.00	64	179.3	3400.7
	10+50.00	134.3	183.6	3584.3
	11+00.00	143.8	257.5	3841.8
	11+50.00	79.5	206.8	4048.6
	12+00.00	80.8	148.4	4197.0
	12+50.00	77.6	146.7	4343.6
	13+00.00	107.3	171.2	4514.9
	13+50.00	65.7	160.2	4675.0
	14+00.00	128.9	180.2	4855.2
	14+50.00	148.5	256.9	5112.1

	15+00.00	129	256.9	5369.0
	15+50.00	104.7	216.4	5585.4
	16+00.00	126.9	214.4	5799.9
	16+50.00	128.9	236.9	6036.7
	17+00.00	142.8	251.6	6288.3
Forward Station	17+31.00	115.9	148.5	6436.8
Begin Dock	17+31.00	105.6	0.0	6436.8
	17+50.00	103.2	73.5	6510.3
End Dock	17+68.00	108.9	70.7	6581.0
Back Station	17+68.00	121.6	0.0	6581.0
	18+00.00	129.4	148.7	6729.7
	18+50.00	152.3	260.8	6990.5
	19+00.00	120.6	252.7	7243.2
	19+50.00	140.3	241.6	7484.8
Forward Station	19+51.00	140.4	5.2	7490.0
Begin Dock	19+51.00	140.4	0.0	7490.0
End Dock	19+72.00	139.2	108.7	7598.7
Back Station	19+72.00	139.1	0.0	7598.7
	20+00.00	133.1	141.1	7739.9
	20+50.00	116.9	231.5	7971.3
	21+00.00	136.7	234.8	8206.2
Forward Station	21+23.00	124.9	111.4	8317.6
Begin Dock	21+23.00	125.8	0.0	8317.6
End Dock	21+34.00	121	50.3	8367.9
Back Station	21+34.00	137.8	0.0	8367.9
	21+50.00	135.7	81.0	8448.9
	22+00.00	84.6	204.0	8652.9
	22+50.00	50.5	125.1	8778.0
	23+00.00	117.4	155.5	8933.4
	23+50.00	60.2	164.4	9097.9
	24+00.00	80.6	130.4	9228.2
	24+50.00	128.8	193.9	9422.1
	25+00.00	84.8	197.8	9619.9
	25+50.00	112.3	182.5	9802.4
	26+00.00	111.5	207.2	10009.6
	26+50.00	61.4	160.1	10169.7
	27+00.00	71.7	123.2	10293.0
	27+50.00	97.2	156.4	10449.4
Forward Station	27+63.00	134.7	55.8	10505.2
Begin Dock	27+63.00	124.9	0.0	10505.2
Dock	28+00.00	136.9	179.4	10684.6
End Dock	28+01.00	137.2	5.1	10689.6
Back Station	28+01.00	137.2	0.0	10689.6
	28+50.00	107.7	222.2	10911.9
	29+00.00	101.2	193.4	11105.3
	29+50.00	139.5	222.9	11328.2
	30+00.00	152.8	270.6	11598.8
	30+29.65	167	175.6	11774.4

TOTAL QUANTITY TO BE EXCAVATED = **11774** CUBIC YARDS

ARC SURVEYING & MAPPING INC.

July 17, 2020

PRE-DREDGE QUANTITY TABULATION FOR ISLE OF PALMS SOUTH
 LOCATED IN DUVAL COUNTY,FLORIDA
 FOR STATIONS 0+50 THRU 32+28.
 WITH SIDE SLOPES AT 3:1 AND A DEPTH OF -5 FEET

SURVEY BASELINE 5 ARC JOB NO. 2020-0077
SURVEY DATED: JULY 6-10, 2020

	STATION	END AREA SQ. FT.	CUBIC YARDS	TOTAL CUBIC YARDS VOLUME
	00+50.00	85.1	0.0	0.0
	01+00.00	131.2	200.3	200.3
	01+50.00	156.5	266.4	466.7
	02+00.00	164.8	297.5	764.2
	02+50.00	164.5	304.9	1069.1
	03+00.00	133.3	275.7	1344.8
	03+50.00	122.9	237.2	1582.0
	04+00.00	130	234.2	1816.2
	04+50.00	135.2	245.6	2061.8
	05+00.00	80	199.3	2261.0
	05+50.00	93.2	160.4	2421.4
	06+00.00	136.9	213.1	2634.4
	06+50.00	116	234.2	2868.6
	07+00.00	113.8	212.8	3081.4
	07+50.00	128	223.9	3305.3
	08+00.00	124.9	234.2	3539.4
	08+50.00	74.9	185.0	3724.4
	09+00.00	130.2	189.9	3914.4
	09+50.00	148.4	258.0	4172.3
	10+00.00	142.9	269.7	4442.0
	10+50.00	97.3	222.4	4664.4
	11+00.00	104.1	186.5	4850.9
	11+50.00	58.5	150.6	5001.5
	12+00.00	68.4	117.5	5119.0
	12+50.00	133.4	186.9	5305.8
	13+00.00	129.1	243.1	5548.9
	13+50.00	127.7	237.8	5786.7
	14+00.00	141.5	249.3	6035.9
Forward Station	14+22.00	129	110.2	6146.1
Begin Dock	14+22.00	128.9	0.0	6146.1
	14+50.00	86.8	111.8	6258.0
End Dock	14+60.00	95.1	33.7	6291.7
Back Station	14+60.00	124.3	0.0	6291.7
	15+00.00	143	198.0	6489.7

Forward Station	15+21.00	140	110.1	6599.7
Begin Dock	15+21.00	135.7	0.0	6599.7
End Dock	15+46.00	132	123.9	6723.7
Back Station	15+46.00	108.7	0.0	6723.7
	15+50.00	107.3	16.0	6739.7
	16+00.00	99.6	191.6	6931.2
	16+50.00	137.7	219.7	7150.9
	17+00.00	135.8	253.2	7404.2
	17+50.00	83.3	202.9	7607.1
	18+00.00	128.4	196.0	7803.1
	18+50.00	148.8	256.7	8059.7
	19+00.00	95.5	226.2	8285.9
	19+50.00	133.1	211.7	8497.6
	20+00.00	139.9	252.8	8750.4
	20+50.00	97.4	219.7	8970.1
	21+00.00	141.4	221.1	9191.2
Forward Station	21+20.00	136.7	103.0	9294.2
Begin Dock	21+20.00	136.7	0.0	9294.2
	21+50.00	130	148.2	9442.4
End Dock	21+50.50	129.9	2.4	9444.8
Back Station	21+50.50	129.9	0.0	9444.8
	22+00.00	138	245.6	9690.4
	22+50.00	114.8	234.1	9924.4
	23+00.00	91.8	191.3	10115.7
	23+50.00	89.9	168.2	10284.0
	24+00.00	100.1	175.9	10459.9
	24+50.00	86.8	173.1	10633.0
	25+00.00	71.5	146.6	10779.5
	25+50.00	111.3	169.3	10948.8
Forward Station	25+99.00	67.8	162.5	11111.3
Begin Dock	25+99.00	67.8	0.0	11111.3
Dock	26+00.00	99.6	3.1	11114.4
End Dock	26+13.00	69.4	40.7	11155.1
Back Station	26+13.00	95.2	0.0	11155.1
	26+50.00	85.2	123.6	11278.7
	27+00.00	90.1	162.3	11441.0
Forward Station	27+22.00	93.3	74.7	11515.7
Begin Dock	27+22.00	93.3	0.0	11515.7
End Dock	27+37.00	95.6	52.5	11568.2
Back Station	27+37.00	95.6	0.0	11568.2
	27+50.00	97.9	46.6	11614.8
	28+00.00	85.6	169.9	11784.7
	28+50.00	76.3	149.9	11934.6
	29+00.00	78.7	143.5	12078.1
Forward Station	29+44.00	69.2	120.5	12198.6
Begin Dock	29+44.00	69.2	0.0	12198.6
	29+50.00	68.4	15.3	12213.9
End Dock	29+63.00	71.5	33.7	12247.6
Back Station	29+63.00	71.5	0.0	12247.6
	30+00.00	73.7	99.5	12347.1

Forward Station	30+17.00	74.8	46.8	12393.8
Begin Dock	30+17.00	74.8	0.0	12393.8
	30+50.00	75.8	92.0	12485.9
End Dock	30+53.00	77.3	8.5	12494.4
Back Station	30+53.00	77.3	0.0	12494.4
	31+00.00	72.8	130.6	12625.0
	31+50.00	83.5	144.7	12769.8
	31+93.89	113	159.7	12929.5

TOTAL QUANTITY TO BE EXCAVATED = **12929** CUBIC YARDS



ARC SURVEYING & MAPPING INC.
PRE-DREDGE QUANTITY TABULATION FOR
ISLE OF PALMS SOUTH
LOCATED IN DUVAL COUNTY,FLORIDA

July 17, 2020

Quantity Summary
ARC JOB NO. 2020-0077

ARC SURVEYING'S
VOLUME CALCULATIONS IN CUBIC YARDS
-5' GRADE TEMPLATE
SURVEY DATED: JULY 6-10, 2020

BASELINE - 1	22,007
BASELINE - 2	6,342
BASELINE - 3	7,301
BASELINE - 4	11,774
BASELINE - 5	12,929
TOTALS	60,354

ARC SURVEYING & MAPPING INC.

July 17, 2020

PRE-DREDGE QUANTITY TABULATION FOR ISLE OF PALMS SOUTH
 LOCATED IN DUVAL COUNTY,FLORIDA
 FOR STATIONS 0+00 THRU 57+30.
 OVERDEPTH MATERIAL BETWEEN -5 AND -6 FEET

SURVEY BASELINE 1 ARC JOB NO. 2020-0077
SURVEY DATED: JULY 6-10, 2020

	STATION	END AREA SQ. FT.	CUBIC YARDS	TOTAL CUBIC YARDS VOLUME
	00+00.00	0	0.0	0.0
	00+50.00	0	0.0	0.0
	01+00.00	0	0.0	0.0
	01+50.00	0	0.0	0.0
	02+00.00	0	0.0	0.0
	02+50.00	0	0.0	0.0
	03+00.00	0.2	0.2	0.2
	03+50.00	4.4	4.3	4.4
	04+00.00	33.9	35.5	39.9
	04+50.00	37.6	66.2	106.1
	05+00.00	37.6	69.6	175.7
	05+50.00	37.6	69.6	245.4
	06+00.00	37.6	69.6	315.0
	06+50.00	37.6	69.6	384.6
	07+00.00	37.6	69.6	454.3
	07+50.00	37.6	69.6	523.9
	08+00.00	29.2	61.9	585.7
	08+50.00	24	49.3	635.0
	09+00.00	9.5	31.0	666.0
	09+50.00	11.5	19.4	685.5
	10+00.00	5.3	15.6	701.0
	10+50.00	3.4	8.1	709.1
	11+00.00	9.9	12.3	721.4
	11+50.00	17.3	25.2	746.6
	12+00.00	28.2	42.1	788.7
	12+50.00	27.6	51.7	840.4
	13+00.00	27.7	51.2	891.6
Forward Station	13+44.00	27.6	45.1	936.6
Begin Dock	13+44.00	27.7	0.0	936.6
	13+50.00	28.4	6.2	942.9
End Dock	13+71.00	28	21.9	964.8
Back Station	13+71.00	28	0.0	964.8
	14+00.00	25.7	28.8	993.6
	14+50.00	25.5	47.4	1041.0
	15+00.00	28.8	50.3	1091.3

	15+50.00	27.5	52.1	1143.5
Forward Station	15+51.00	27.6	1.0	1144.5
Begin Dock	15+51.00	27.6	0.0	1144.5
End Dock	15+83.00	28.7	33.4	1177.8
Back Station	15+83.00	28.7	0.0	1177.8
	16+00.00	29	18.2	1196.0
	16+50.00	25.9	50.8	1246.8
	17+00.00	27	49.0	1295.8
	17+50.00	27.1	50.1	1345.9
	18+00.00	26	49.2	1395.1
	18+50.00	55	75.0	1470.1
	19+00.00	37.6	85.7	1555.8
	19+50.00	35.5	67.7	1623.5
	20+00.00	36.2	66.4	1689.9
	20+50.00	30.4	61.7	1751.6
	21+00.00	36.2	61.7	1813.2
	21+50.00	25.4	57.0	1870.3
	22+00.00	28.7	50.1	1920.4
	22+50.00	44.2	67.5	1987.9
	23+00.00	39.4	77.4	2065.3
	23+50.00	40.2	73.7	2139.0
	24+00.00	41.3	75.5	2214.4
	24+50.00	42.3	77.4	2291.8
	25+00.00	43.2	79.2	2371.0
	25+50.00	44.1	80.8	2451.8
	26+00.00	45	82.5	2534.3
	26+50.00	46	84.3	2618.6
	27+00.00	43.8	83.1	2701.7
	27+50.00	47.8	84.8	2786.6
	28+00.00	39	80.4	2866.9
	28+50.00	49.6	82.0	2949.0
	29+00.00	50.5	92.7	3041.7
	29+50.00	51.5	94.4	3136.1
	30+00.00	52.4	96.2	3232.3
	30+50.00	44.1	89.4	3321.7
Forward Station	30+93.00	54.1	78.2	3399.8
Begin Dock	30+93.00	54	0.0	3399.8
Dock	31+00.00	54.2	14.0	3413.9
End Dock	31+49.00	48.2	92.9	3506.8
Back Station	31+49.00	48.2	0.0	3506.8
	31+50.00	47.5	1.8	3508.6
	32+00.00	56	95.8	3604.4
	32+50.00	57	104.6	3709.0
	33+00.00	52.8	101.7	3810.7
	33+50.00	52.7	97.7	3908.4
	34+00.00	52.7	97.6	4006.0
Forward Station	34+19.00	52.7	37.1	4043.1
Begin Dock	34+19.00	52.7	0.0	4043.1
End Dock	34+48.00	49.2	54.7	4097.8
Back Station	34+48.00	49.2	0.0	4097.8
	34+50.00	47.6	3.6	4101.4
	35+00.00	52.7	92.9	4194.2
	35+50.00	52.7	97.6	4291.8

	36+00.00	45.8	91.2	4383.0
	36+50.00	52.7	91.2	4474.2
Forward Station	36+53.00	52.7	5.9	4480.1
Begin Dock	36+53.00	52.7	0.0	4480.1
End Dock	36+92.00	52.7	76.1	4556.2
Back Station	36+92.00	52.7	0.0	4556.2
	37+00.00	52.7	15.6	4571.8
	37+50.00	48.6	93.8	4665.6
Forward Station	37+87.00	52.7	69.4	4735.0
Begin Dock	37+87.00	52.2	0.0	4735.0
Dock	38+00.00	45.3	23.5	4758.5
	38+50.00	52.8	90.8	4849.3
End Dock	38+56.00	52.7	11.7	4861.1
Back Station	38+56.00	52.7	0.0	4861.1
	39+00.00	52.7	85.9	4946.9
	39+50.00	52.7	97.6	5044.5
	40+00.00	52.8	97.7	5142.2
	40+50.00	43.2	88.9	5231.1
Forward Station	40+68.00	52.3	31.8	5262.9
Begin Dock	40+68.00	52.2	0.0	5262.9
End Dock	40+88.00	52.7	38.9	5301.8
Back Station	40+88.00	52.7	0.0	5301.8
	41+00.00	52.7	23.4	5325.2
	41+50.00	38.2	84.2	5409.4
	42+00.00	46	78.0	5487.3
	42+50.00	73.3	110.5	5597.8
	43+00.00	51	115.1	5712.9
	43+50.00	51.2	94.6	5807.5
	44+00.00	51.4	95.0	5902.5
	44+50.00	51.4	95.2	5997.7
	45+00.00	51.4	95.2	6092.9
	45+50.00	51.3	95.1	6188.0
	46+00.00	51.4	95.1	6283.1
	46+50.00	51.3	95.1	6378.2
	47+00.00	51.4	95.1	6473.3
	47+50.00	51.3	95.1	6568.4
	48+00.00	62.8	105.6	6674.0
	48+50.00	45.9	100.6	6774.7
	49+00.00	46.8	85.8	6860.5
	49+50.00	46.9	86.8	6947.3
	50+00.00	46.9	86.9	7034.1
	50+50.00	43.7	83.9	7118.0
	51+00.00	46.6	83.6	7201.6
	51+50.00	46.9	86.6	7288.2
	52+00.00	46.8	86.8	7374.9
	52+50.00	46.8	86.7	7461.6
Forward Station	52+77.00	46.9	46.9	7508.5
Begin Dock	52+77.00	46.9	0.0	7508.5
Dock	53+00.00	46.9	40.0	7548.4
End Dock	53+05.00	46.8	8.7	7557.1
Back Station	53+05.00	46.8	0.0	7557.1
Forward Station	53+23.00	46.8	31.2	7588.3
Begin Dock	53+23.00	46.8	0.0	7588.3

	53+50.00	46.8	46.8	7635.1
End Dock	53+57.00	46.9	12.1	7647.2
Back Station	53+57.00	46.9	0.0	7647.2
	54+00.00	41.8	70.6	7717.9
Forward Station	54+19.00	46.9	31.2	7749.1
Begin Dock	54+19.00	46.9	0.0	7749.1
	54+50.00	46.9	53.8	7802.9
End Dock	54+54.00	46.8	6.9	7809.9
Back Station	54+54.00	46.8	0.0	7809.9
Forward Station	54+97.00	46.9	74.6	7884.5
Begin Dock	54+97.00	46.9	0.0	7884.5
Dock	55+00.00	46.9	5.2	7889.7
End Dock	55+16.00	46.8	27.8	7917.4
Back Station	55+16.00	46.8	0.0	7917.4
	55+50.00	46.8	58.9	7976.4
	56+00.00	46.8	86.7	8063.0
Forward Station	56+26.00	46.8	45.1	8108.1
Begin Dock	56+26.00	46.8	0.0	8108.1
End Dock	56+42.00	46.8	27.7	8135.8
Back Station	56+42.00	46.8	0.0	8135.8
	56+50.00	46.8	13.9	8149.7
	57+00.00	40.9	81.2	8230.9
	57+30.00	46.9	48.8	8279.7

TOTAL QUANTITY TO BE EXCAVATED = 8279.7 CUBIC YARDS

ARC SURVEYING & MAPPING INC.

July 17, 2020

PRE-DREDGE QUANTITY TABULATION FOR ISLE OF PALMS SOUTH
 LOCATED IN DUVAL COUNTY,FLORIDA
 FOR STATIONS 0+80 THRU 13+33.
 OVERDEPTH MATERIAL BETWEEN -5 AND -6 FEET

SURVEY BASELINE 2 ARC JOB NO. 2020-0077
SURVEY DATED: JULY 6-10, 2020

	STATION	END AREA SQ. FT.	CUBIC YARDS	TOTAL CUBIC YARDS VOLUME
	00+80.00	56.32	0.0	0.0
	01+00.00	56.32	41.7	41.7
	01+50.00	56.32	104.3	146.0
Forward Station	01+91.00	54.4	84.1	230.1
Begin Dock	01+91.00	52.83	0.0	230.1
Dock	02+00.00	51.09	17.3	247.4
End Dock	02+07.00	51.37	13.3	260.7
Back Station	02+07.00	52.81	0.0	260.7
	02+50.00	55.25	86.0	346.7
	03+00.00	56.28	103.3	450.0
	03+50.00	49.44	97.9	547.9
	04+00.00	55.96	97.6	645.5
Forward Station	04+39.00	56.31	81.1	726.6
Begin Dock	04+39.00	46.88	0.0	726.6
	04+50.00	46.85	19.1	745.7
End Dock	04+51.00	46.87	1.7	747.4
Back Station	04+51.00	56.31	0.0	747.4
	05+00.00	56.31	102.2	849.6
	05+50.00	48.87	97.4	947.0
	06+00.00	56.32	97.4	1044.4
Forward Station	06+47.00	56.31	98.0	1142.4
Begin Dock	06+47.00	56.31	0.0	1142.4
	06+50.00	48.75	5.8	1148.2
End Dock	06+77.00	56.32	52.5	1200.8
Back Station	06+77.00	56.32	0.0	1200.8
	07+00.00	38.88	40.5	1241.3
	07+50.00	55.88	87.7	1329.1
	08+00.00	55.29	102.9	1432.0
Forward Station	08+39.00	44.37	72.0	1504.0
Begin Dock	08+39.00	42.88	0.0	1504.0
	08+50.00	41.3	17.1	1521.1
End Dock	08+72.00	35.11	31.1	1552.3
Back Station	08+72.00	35.08	0.0	1552.3
	09+00.00	27.42	32.4	1584.7
	09+50.00	27.42	50.8	1635.4
	10+00.00	27.41	50.8	1686.2
	10+50.00	27.41	50.8	1737.0
	11+00.00	27.41	50.8	1787.7

11+50.00	27.41	50.8	1838.5
12+00.00	27.41	50.8	1889.2
12+50.00	27.42	50.8	1940.0
13+00.00	27.41	50.8	1990.8
13+28.52	27	28.7	2019.5

TOTAL QUANTITY TO BE EXCAVATED = **2020** CUBIC YARDS

ARC SURVEYING & MAPPING INC.

July 17, 2020

PRE-DREDGE QUANTITY TABULATION FOR ISLE OF PALMS SOUTH
 LOCATED IN DUVAL COUNTY,FLORIDA
 FOR STATIONS 0+50 THRU 27+15.
 OVERDEPTH MATERIAL BETWEEN -5 AND -6 FEET

SURVEY BASELINE 3 ARC JOB NO. 2020-0077
SURVEY DATED: JULY 6-10, 2020

	STATION	END AREA SQ. FT.	CUBIC YARDS	TOTAL CUBIC YARDS VOLUME
	00+50.00	87.7	0.0	0.0
	01+00.00	21.8	101.4	101.4
	01+50.00	22.2	40.7	142.1
	02+00.00	22.5	41.4	183.5
	02+50.00	23	42.1	225.6
	03+00.00	23.3	42.9	268.5
	03+50.00	23.7	43.5	312.0
	04+00.00	24.1	44.3	356.3
	04+50.00	24.4	44.9	401.2
	05+00.00	19.6	40.7	441.9
	05+50.00	25.2	41.5	483.4
	06+00.00	25.5	46.9	530.4
	06+50.00	24.5	46.3	576.7
	07+00.00	26.2	46.9	623.6
	07+50.00	26.7	49.0	672.6
	08+00.00	27	49.7	722.3
	08+50.00	27.5	50.5	772.8
	09+00.00	27.8	51.2	824.0
	09+50.00	31.3	54.7	878.7
	10+00.00	34.8	61.2	939.9
	10+50.00	34.8	64.4	1004.4
	11+00.00	34.9	64.5	1068.9
	11+50.00	34.9	64.6	1133.5
	12+00.00	34.8	64.5	1198.1
	12+50.00	34.8	64.4	1262.5
	13+00.00	34.9	64.5	1327.0
Forward Station	13+16.00	34.8	20.7	1347.7
Begin Dock	13+16.00	34.8	0.0	1347.7
End Dock	13+45.00	34.8	37.4	1385.1
Back Station	13+45.00	34.8	0.0	1385.1
	13+50.00	34.8	6.4	1391.5
	14+00.00	34.9	64.5	1456.0
	14+50.00	34.9	64.6	1520.7

	15+00.00	34.9	64.6	1585.3
	15+50.00	28.8	59.0	1644.3
	16+00.00	34.8	58.9	1703.2
Forward Station	16+06.00	34.9	7.7	1710.9
Begin Dock	16+06.00	34.8	0.0	1710.9
End Dock	16+46.00	34.8	51.6	1762.5
Back Station	16+46.00	34.8	0.0	1762.5
	16+50.00	34.9	5.2	1767.6
	17+00.00	34.8	64.5	1832.2
Forward Station	17+11.00	34.8	14.2	1846.4
Begin Dock	17+11.00	34.8	0.0	1846.4
End Dock	17+24.00	34.8	16.8	1863.1
Back Station	17+24.00	34.8	0.0	1863.1
	17+50.00	34.4	33.3	1896.4
	18+00.00	28.4	58.1	1954.6
	18+50.00	34.9	58.6	2013.2
	19+00.00	32	61.9	2075.1
	19+50.00	31.3	58.6	2133.7
	20+00.00	34.9	61.3	2195.0
	20+50.00	34.8	64.5	2259.6
	21+00.00	31.8	61.7	2321.2
	21+50.00	29.5	56.8	2378.0
	22+00.00	34.9	59.6	2437.6
	22+50.00	34	63.8	2501.4
	23+00.00	31.2	60.4	2561.8
	23+50.00	34.6	60.9	2622.7
	24+00.00	34.9	64.4	2687.1
	24+50.00	33.5	63.3	2750.4
Forward Station	24+90.00	34.9	50.7	2801.1
Begin Dock	24+90.00	34.9	0.0	2801.1
Dock	25+00.00	34.8	12.9	2814.0
End Dock	25+32.00	34.9	41.3	2855.3
Back Station	25+32.00	34.9	0.0	2855.3
	25+50.00	34.9	23.3	2878.6
	26+00.00	34.9	64.6	2943.2
	26+50.00	34.9	64.6	3007.8
	27+00.00	34.9	64.6	3072.4

TOTAL QUANTITY TO BE EXCAVATED = **3072** CUBIC YARDS

ARC SURVEYING & MAPPING INC.

July 17, 2020

PRE-DREDGE QUANTITY TABULATION FOR ISLE OF PALMS SOUTH
 LOCATED IN DUVAL COUNTY,FLORIDA
 FOR STATIONS 0+50 THRU 30+50.
 OVERDEPTH MATERIAL BETWEEN -5 AND -6 FEET

SURVEY BASELINE 4 ARC JOB NO. 2020-0077
SURVEY DATED: JULY 6-10, 2020

	STATION	END AREA SQ. FT.	CUBIC YARDS	TOTAL CUBIC YARDS VOLUME
	00+50.00	21.06	0.0	0.0
	01+00.00	37.19	53.9	53.9
	01+50.00	37.37	69.0	123.0
	02+00.00	37.04	68.9	191.9
	02+50.00	37.22	68.8	260.6
	03+00.00	37.34	69.0	329.7
	03+50.00	33.34	65.4	395.1
	04+00.00	37.38	65.5	460.6
Forward Station	04+20.00	37.38	27.7	488.3
Begin Dock	04+20.00	37.37	0.0	488.3
	04+50.00	37.37	41.5	529.8
End Dock	04+60.00	37.37	13.8	543.6
Back Station	04+60.00	37.37	0.0	543.6
	05+00.00	37.37	55.4	599.0
	05+50.00	28.2	60.7	659.7
	06+00.00	37.37	60.7	720.4
	06+50.00	30.57	62.9	783.3
	07+00.00	29.93	56.0	839.4
	07+50.00	37.37	62.3	901.7
	08+00.00	37.37	69.2	970.9
	08+50.00	18.5	51.7	1022.6
	09+00.00	37.37	51.7	1074.3
	09+50.00	37.13	69.0	1143.3
	10+00.00	37.38	69.0	1212.3
	10+50.00	37.38	69.2	1281.5
	11+00.00	37.37	69.2	1350.7
	11+50.00	32.54	64.7	1415.5
	12+00.00	21.3	49.9	1465.3
	12+50.00	27.04	44.8	1510.1
	13+00.00	37.38	59.6	1569.7
	13+50.00	29.04	61.5	1631.2
	14+00.00	37.04	61.2	1692.4
	14+50.00	37.38	68.9	1761.3

	15+00.00	37.38	69.2	1830.6
	15+50.00	37.37	69.2	1899.8
	16+00.00	35.13	67.1	1966.9
	16+50.00	37.38	67.1	2034.0
	17+00.00	37.37	69.2	2103.2
Forward Station	17+31.00	37.37	42.9	2146.2
Begin Dock	17+31.00	36.83	0.0	2146.2
	17+50.00	37.37	26.1	2172.3
End Dock	17+68.00	36.93	24.8	2197.0
Back Station	17+68.00	37.37	0.0	2197.0
	18+00.00	37.37	44.3	2241.3
	18+50.00	37.37	69.2	2310.5
	19+00.00	37.37	69.2	2379.7
	19+50.00	35.73	67.7	2447.4
Forward Station	19+51.00	37.37	1.4	2448.8
Begin Dock	19+51.00	35.73	0.0	2448.8
End Dock	19+72.00	35.74	27.8	2476.6
Back Station	19+72.00	37.37	0.0	2476.6
	20+00.00	37.37	38.8	2515.3
	20+50.00	37.37	69.2	2584.5
	21+00.00	37.37	69.2	2653.7
Forward Station	21+23.00	37.37	31.8	2685.6
Begin Dock	21+23.00	37.37	0.0	2685.6
End Dock	21+34.00	37.38	15.2	2700.8
Back Station	21+34.00	37.37	0.0	2700.8
	21+50.00	37.37	22.1	2722.9
	22+00.00	34.94	67.0	2789.9
	22+50.00	21	51.8	2841.7
	23+00.00	37.38	54.1	2895.7
	23+50.00	25.04	57.8	2953.5
	24+00.00	36.33	56.8	3010.4
	24+50.00	37.37	68.2	3078.6
	25+00.00	26.24	58.9	3137.5
	25+50.00	37.37	58.9	3196.4
	26+00.00	37.37	69.2	3265.6
	26+50.00	22.04	55.0	3320.6
	27+00.00	24.03	42.7	3363.3
	27+50.00	37.37	56.9	3420.1
Forward Station	27+63.00	37.37	18.0	3438.1
Begin Dock	27+63.00	32.64	0.0	3438.1
Dock	28+00.00	33.04	45.0	3483.1
End Dock	28+01.00	33.04	1.2	3484.3
Back Station	28+01.00	37.37	0.0	3484.3
	28+50.00	37.37	67.8	3552.2
	29+00.00	37.38	69.2	3621.4
	29+50.00	37.37	69.2	3690.6
	30+00.00	37.37	69.2	3759.8
	30+29.65	38	41.4	3801.2

TOTAL QUANTITY TO BE EXCAVATED = **3801** CUBIC YARDS

ARC SURVEYING & MAPPING INC.

July 17, 2020

PRE-DREDGE QUANTITY TABULATION FOR ISLE OF PALMS SOUTH
 LOCATED IN DUVAL COUNTY,FLORIDA
 FOR STATIONS 0+50 THRU 32+28.
 OVERDEPTH MATERIAL BETWEEN -5 AND -6 FEET

SURVEY BASELINE 5 ARC JOB NO. 2020-0077
SURVEY DATED: JULY 6-10, 2020

	STATION	END AREA SQ. FT.	CUBIC YARDS	TOTAL CUBIC YARDS VOLUME
	00+50.00	41.1	0.0	0.0
	01+00.00	41.1	76.1	76.1
	01+50.00	41.1	76.1	152.2
	02+00.00	41.1	76.1	228.3
	02+50.00	41.1	76.1	304.4
	03+00.00	41.1	76.1	380.6
	03+50.00	41.1	76.1	456.7
	04+00.00	41.1	76.1	532.8
	04+50.00	41.1	76.1	608.9
	05+00.00	36.4	71.8	680.6
	05+50.00	36.2	67.2	747.9
	06+00.00	41.1	71.6	819.4
	06+50.00	40.2	75.3	894.7
	07+00.00	41.1	75.3	970.0
	07+50.00	41.1	76.1	1046.1
	08+00.00	41.1	76.1	1122.2
	08+50.00	29.9	65.7	1188.0
	09+00.00	41.1	65.7	1253.7
	09+50.00	41.1	76.1	1329.8
	10+00.00	41.1	76.1	1405.9
	10+50.00	41.2	76.2	1482.1
	11+00.00	36.9	72.3	1554.4
	11+50.00	32.1	63.9	1618.3
	12+00.00	34.5	61.7	1680.0
	12+50.00	41.1	70.0	1750.0
	13+00.00	41.1	76.1	1826.1
	13+50.00	41.2	76.2	1902.3
	14+00.00	41.1	76.2	1978.5
Forward Station	14+22.00	41.2	33.5	2012.0
Begin Dock	14+22.00	41.2	0.0	2012.0
	14+50.00	31	37.4	2049.5
End Dock	14+60.00	34.9	12.2	2061.7
Back Station	14+60.00	41.1	0.0	2061.7
	15+00.00	41.1	60.9	2122.6

Forward Station	15+21.00	41.2	32.0	2154.6
Begin Dock	15+21.00	41.1	0.0	2154.6
End Dock	15+46.00	41.2	38.1	2192.7
Back Station	15+46.00	37.4	0.0	2192.7
	15+50.00	37.1	5.5	2198.2
	16+00.00	38.8	70.3	2268.5
	16+50.00	41.1	74.0	2342.5
	17+00.00	41.1	76.1	2418.6
	17+50.00	35.1	70.6	2489.1
	18+00.00	41.1	70.6	2559.7
	18+50.00	41.1	76.1	2635.8
	19+00.00	36.9	72.2	2708.0
	19+50.00	41.1	72.2	2780.2
	20+00.00	41.1	76.1	2856.4
	20+50.00	41.1	76.1	2932.5
	21+00.00	41.1	76.1	3008.6
Forward Station	21+20.00	41.1	30.4	3039.0
Begin Dock	21+20.00	41.1	0.0	3039.0
	21+50.00	41.1	45.7	3084.7
End Dock	21+50.50	41.1	0.8	3085.4
Back Station	21+50.50	41.1	0.0	3085.4
	22+00.00	41.1	75.4	3160.8
	22+50.00	41.2	76.2	3237.0
	23+00.00	41.1	76.2	3313.2
	23+50.00	41.1	76.1	3389.3
	24+00.00	41.1	76.1	3465.4
	24+50.00	38.1	73.3	3538.8
	25+00.00	41	73.2	3612.0
	25+50.00	41.1	76.0	3688.0
Forward Station	25+99.00	32.8	67.1	3755.1
Begin Dock	25+99.00	32.8	0.0	3755.1
Dock	26+00.00	41.2	1.4	3756.4
End Dock	26+13.00	35.7	18.5	3775.0
Back Station	26+13.00	41.1	0.0	3775.0
	26+50.00	41.2	56.4	3831.4
	27+00.00	41.1	76.2	3907.6
Forward Station	27+22.00	41.1	33.5	3941.0
Begin Dock	27+22.00	41.1	0.0	3941.0
End Dock	27+37.00	41.2	22.9	3963.9
Back Station	27+37.00	41.2	0.0	3963.9
	27+50.00	41.1	19.8	3983.7
	28+00.00	41.1	76.1	4059.8
	28+50.00	41.1	76.1	4135.9
	29+00.00	41.1	76.1	4212.1
Forward Station	29+44.00	41.1	67.0	4279.0
Begin Dock	29+44.00	41.1	0.0	4279.0
	29+50.00	41.1	9.1	4288.2
End Dock	29+63.00	41.1	19.8	4308.0
Back Station	29+63.00	41.2	0.0	4308.0
	30+00.00	41.1	56.4	4364.3

Forward Station	30+17.00	41.2	25.9	4390.3
Begin Dock	30+17.00	41.2	0.0	4390.3
	30+50.00	41.1	50.3	4440.5
End Dock	30+53.00	41.2	4.6	4445.1
Back Station	30+53.00	41.2	0.0	4445.1
	31+00.00	41.1	71.6	4516.7
	31+50.00	41.1	76.1	4592.9
	31+93.89	42.2	67.7	4660.6

TOTAL QUANTITY TO BE EXCAVATED = **4661** CUBIC YARDS



ARC SURVEYING & MAPPING INC.
PRE-DREDGE QUANTITY TABULATION FOR
ISLE OF PALMS SOUTH
LOCATED IN DUVAL COUNTY,FLORIDA

July 17, 2020

Quantity Summary
ARC JOB NO. 2020-0077

ARC SURVEYING'S
VOLUME CALCULATIONS IN CUBIC YARDS
OVERDEPTH MATERIAL BETWEEN -5 AND -6 FEET
SURVEY DATED: JULY 6-10, 2020

BASELINE - 1	8,280
BASELINE - 2	2,020
BASELINE - 3	3,072
BASELINE - 4	3,801
BASELINE - 5	4,661
TOTALS	21,833