

Station	Distance	Excavation		Dredge		Fill	
		Area	Volume	Area	Volume	Area	Volume
546+00	0	233	0	225	0	0	0
547+15	115	105	19,435	163	22,310	0	0
548+20	105	85	9,975	100	13,808	0	0
549+22	102	70	7,905	81	9,231	0	0

Station	distance	Excavation		Dredge		Fill	
		Area <sup>D'</sup>	Volume <sup>cf</sup>	Area	Volume	Area	Volume
549+67	45'	80.5	3386	100	4073	0	0
550+37	70	80.5	5635	68	5880	0	0
552+05	168	115	16,422	52.5	10,122	0	0
553+70	165	106.5	18,274	20	5,981	10	825
556+00	230	95	23,173	40	6,900	0	1150
558+00	200	117	21,200	45	8,500	0	0
560+00	200	115	23,200	40	8500	0	0
562+00	200	84	19,900	0	4000	0	0
564+00	200	88	17,200	70	7,000	13	1300
566+00	200	88	17,600	35	10,500	13	2600
568+00	200	88	17,600	25	6,000	13	2600
570+00	200	88	17,600	83	21,600	13	2600
572+00	200	88	17,600	53	13,600	10	2300
574+00	200	88	17,600	53	10,600	10	2000
576+00	200	88	17,600	39	9,200	10	2000
578+00	200	88	17,600	40	8000	10	2000

## Metairie Relief Canal

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29 Nov, 83 LT

Station	Distance	Excavation		Dredge		Fill	
		Area	Volume	Area	Volume	Area	Volume
580+00	200	85	17,300	80	12,000	10	2000
582+00	200	91	17,600	39	11,900	24	3400
584+00	200	100	19,100	77	11,600	23	4700
586+00	200	94	19,400	25	10,200	40	6300
588+00	200	91	18,500	12	3,700	45	8500
590+00	200	54	14,500	12	2,400	75	12,000
592+00	200	70	12,400	12	2,400	90	16,500
594+00	200	70	14,000	4	1,600	80	17,000
596+00	200	70	14,000	4	800	97	17,700
598+00	200	70	14,000	8	1,200	125	22,200
600+00	200	70	14,000	54	6,200	73	19,800
602+00	200	70	14,000	33	8,700	63	13,600
604+00	200	70	14,000	33	6,600	73	13,600
606+00	200	70	14,000	0	3,300	63	13,600
608+00	200	80	15,000	15	1,500	63	12,600
610+00	200	80	16,000	60	3,500	63	12,600

Metarie Relief Canal  
29 Nov, 83 LT

Station	Distance	Excavation		Dredge		Fill	
		Area	Volume	Area	Volume	Area	Volume
612 +00	200	80	16,000	25	8500	24	8700
614 +00	200	30	11,000	35	6,000	69	9,300
616 +00	200	30	6,000	35	7,000	69	13,800
618 +00	200	30	6,000	12	4,700	69	13,800
620 +00	200	45	7,500	40	5,200	42	11,100
622 +00	200	45	9,000	0	4,000	42	8,400
624 +27	227	45	10,212	53	6016	42	9,534
627 +28	301	27	10,836	75	19,264	63	15,803
628 +00	72	10	1,332	38	4,068	112	6,300
630 +00	200	10	2,000	65	10,300	79	19,100
632 +00	200	93	10,300	50	11,500	76	15,500
634 +00	200	30	12,300	32	8,200	42	11,800
636 +00	200	74	10,400	45	7,700	0	4,200
638 +31	231	74	17,094	12	6,584	0	0
640 +11	180	163	21,330	0	10,800	45	4050
643 +00	289	8	24,710	0	0	75	17,340

Metairie Relief Canal  
30 Nov, 83 LT

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Station	Distance	Excavation		Dredge		Fill	
		Area	Volume	Area	Volume	Area	Volume
644+00	100	16	1,200	16	800	85	8,000
646+00	200	16	3,200	31	4,700	85	17,000
648+00	200	29	4,500	56	8,700	25	11,000
650+00	200	185	21,400	39	9,500	0	2,500
652+00	200	75	26,000	12	5,100	18	1,800
654+00	200	18	9,300	0	1,200	30	4,800
656+00	200	54	7,200	31	3,100	49	7,900
658+00	200	72	12,600	0	3,100	34	8,300
660+00	200	80	15,200	20	2,000	61	9,500
662+00	200	83	16,300	16	3,600	80	14,100
664+00	200	83	16,600	36	5,200	80	16,000
666+00	200	83	16,600	36	7,200	80	16,000
668+00	200	93	17,600	0	3,600	93	17,300
669+87	187	65	14,773	18	1,683	18	10,379
671+25	138	0	4,485	0	1,242	0	1,242

### Summary of Volumes.

<u>Page</u>	<u>Excavation</u>	<u>Dredge</u>	<u>Fill</u>
1	37,315	46,349	0
2	571,590	140,456	19,375
3	247,800	91,600	196,100
4	176,014	110,112	168,727
5	<u>186,958</u>	<u>60,725</u>	<u>145,821</u>
	1,219,677 c.f.	449,242 c.f.	530,023 c.f.

Excavation  $1,219,677 \text{ c.f.} \times \frac{1}{27} = 45,173.2 \text{ c.y.} \Rightarrow 45,200 \text{ c.y.}$

Dredge  $449,242 \text{ c.f.} \times \frac{1}{27} = 16,638.6 \text{ c.y.} \Rightarrow 16,700 \text{ c.y.}$

Fill  $530,023 \text{ c.f.} \times \frac{1}{27} = 19,630.5 \text{ c.y.} \Rightarrow 19,700 \text{ c.y.}$