

SCHEDULE OF QUANTITIES

F.A.I.I RTE. 2605 1233	SECTION 02-0010-09-CH	COUNTY LAKE	TOTAL SHEETS 66	SHEET NO. II
SCHEDULE OF QUANTITIES				
FED. ROAD DIST. NO. 5 ILLINOIS PROJECT CMM-8003(207)				
CONTRACT NO. 83837				

26 SCHEDULE OF LEVELING BINDER				
STATION	LENGTH	CROSS SECTION AREA (sq ft)	AVERAGE AREA	LEVEL BINDER VOLUME (cu ft)
WINCHESTER ROAD				
34+00		0.0		
34+50	50	0.8	0.4	20
35+00	50	1.7	1.3	65
35+50	50	4.8	3.3	165
36+00	50	0.0	2.4	120
				370 cf / 27 = 13.7 cy
				13.7 cy x 2.16 t/cy = 29.6 TONS
SUBTOTAL 34+00 - 36+00				
36+50		0.0		
37+00	50	1.2	0.6	30
37+50	50	0.0	0.6	30
38+00	50	0.4	0.2	10
38+50	50	0.0	0.2	10
				80 cf / 27 = 3.0 cy
				3.0 cy x 2.16 t/cy = 6.5 TONS
SUBTOTAL 36+50 - 38+50				
39+50		0.0		
40+00	50	0.6	0.3	15
40+50	50	2.3	1.4	75
41+00	50	0.0	1.1	55
				140 cf / 27 = 5.2 cy
				5.2 cy x 2.16 t/cy = 11.2 TONS
SUBTOTAL 39+50 - 41+00				
SUBTOTAL WINCHESTER				
47.3 TONS				
MIDLOTHIAN ROAD				
79+00		0.0		
79+50	50	0.9	0.6	25
80+00	50	2.1	1.5	75
80+50	50	1.1	1.0	60
81+00	50	0.0	0.6	30
81+50	50	2.0	1.0	50
82+00	50	1.5	1.8	90
82+50	50	3.4	2.5	125
83+00	50	4.2	3.8	100
83+50	50	3.4	3.8	190
84+00	50	0.7	2.1	105
84+50	50	1.3	1.9	50
85+00	50	0.0	0.7	35
85+50	50	1.3	0.7	35
86+00	50	0.0	0.7	35
86+50	50	2.3	1.2	60
87+00	50	0.6	0.6	275
87+50	50	0.0	4.3	215
88+00	50	0.0	0.0	0
88+50	50	11.5	8.0	290
89+00	50	7.5	9.5	475
89+50	50	3.4	5.5	275
90+00	50	1.7	5.1	255
90+50	50	0.0	0.9	45
				3005 cf / 27 = 111.3 cy
				111.3 cy x 2.16 t/cy = 240.4 TONS
SUBTOTAL 79+00 - 90+50				
92+50		0.0		
93+00	50	1.5	0.8	40
93+50	50	1.9	1.7	85
93+50	50	0.0	1.0	50
				175 cf / 27 = 6.5 cy
				6.5 cy x 2.16 t/cy = 14.0 TONS
SUBTOTAL 92+50 - 93+50				
95+50		0.0		
96+00	50	1.3	0.7	35
96+50	50	0.0	0.7	35
				70 cf / 27 = 2.6 cy
				2.6 cy x 2.16 t/cy = 5.6 TONS
SUBTOTAL 96+50 - 98+50				
SUBTOTAL MIDLOTHIAN				
250.0 TONS				
TOTAL				
307.3 TONS				

27 SCHEDULE OF WIDENING, 5 3/4"						
FROM STATION	TO STATION	REFERENCE	LENGTH	AVERAGE WIDTH	AREA (sq ft)	QUANTITY (tons)
WINCHESTER ROAD						
31+80	34+40	LT	260	3.5	104.6	36.1
32+05	33+95	RT	190	9.0	190.0	65.6
33+95	33+45	RT	154	18.0	325.1	112.2
34+40	35+40	LT	100	17.0	188.9	65.2
37+00	38+00	LT	200	5.0	111.1	38.3
37+00	38+50	RT	250	4.5	125.0	43.1
38+00	42+50	LT	350	4.0	155.5	53.7
38+50	42+50	RT	300	2.5	83.3	28.7
SUBTOTAL WINCHESTER						
442.9						
MIDLOTHIAN ROAD						
78+22	79+12	LT	90	3.6	35.0	12.0
78+22	79+12	RT	90	3.5	35.0	12.0
79+12	81+82	LT	270	4.0	120.0	41.4
79+12	81+82	RT	270	5.5	165.0	56.9
81+82	89+47	LT	465	8.0	413.3	142.9
81+82	83+33	RT	50	9.5	52.5	18.2
82+32	84+22	RT	190	13.0	274.4	94.7
84+22	86+78	RT	256	18.0	512.0	176.6
86+47	86+50	LT	203	-	404.8	139.8
86+78	88+50	RT	172	-	435.7	150.3
88+50	89+70	LT	120	20.0	286.7	92.3
89+50	89+47	RT	97	14.0	190.9	52.1
89+47	90+17	RT	70	8.0	82.2	27.5
89+70	91+80	LT	190	14.0	286.6	102.0
90+17	92+07	RT	190	13.0	274.4	94.7
91+80	96+00	LT	440	8.0	361.1	134.6
92+07	92+83	RT	76	18.0	152.0	52.4
92+83	94+07	RT	124	-	241.3	83.2
94+07	94+83	RT	86	16.5	157.7	54.4
94+83	96+00	RT	107	8.0	95.1	32.8
96+00	97+65	LT	165	9.5	174.2	60.1
96+30	97+65	RT	165	9.5	174.2	60.1
97+65	100+35	LT	270	5.5	165.0	56.9
97+65	100+35	RT	270	5.5	165.0	56.9
SUBTOTAL MIDLOTHIAN						
1798.3						
TOTAL						
2241.2						

28 SCHEDULE OF ENTRANCES					
LOCATION	REFERENCE	AREA (sq ft)	BITUMINOUS SURFACE COURSE 2 1/2 INCH DEPTH (ton)	AGGREGATE BASE COURSE 8 INCH DEPTH (ton)	LENGTH AT ROW LINE (feet)
MIDLOTHIAN ROAD					
63+10			90.8	13.0	42.5
85+87			44.8	0.7	20.8
TOTALS					
			20.3	63.3	55.0

31 SCHEDULE OF PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH AND DETECTABLE WARNINGS		
LOCATION	SIDEWALK AREA (sq ft)	DETECTABLE WARNINGS AREA (sq ft)
MIDLOTHIAN / WINCHESTER		
NORTHEAST CORNER	340	27
SOUTHWEST CORNER	625	28
NORTHWEST CORNER	240	36
TOTAL		118

29 SCHEDULE OF BITUMINOUS BICYCLE PATH QUANTITIES									
FROM STATION	TO STATION	REFERENCE	LENGTH	AVERAGE WIDTH	AREA (sq yd)	AGGREGATE BASE COURSE 6" SPECIAL (ton)	BITUMINOUS CONCRETE BINDER 2 1/4" (ton)	BITUMINOUS CONCRETE SURFACE 1 1/2" (ton)	
MIDLOTHIAN ROAD									
76+22	86+96	LT	824	8	732.4	256.3	98.9	65.9	
86+80	95+00	LT	760	8	675.6	236.4	91.1	60.8	
TOTAL									
						482.7	190.0	126.7	

32 SCHEDULE OF SAWING BITUMINOUS CONCRETE PAVEMENT				
FROM STATION	TO STATION	REFERENCE	LENGTH (feet)	
WINCHESTER ROAD				
31+80	36+00	LT	420	
31+50	36+00	RT	450	
36+50	42+50	LT	900	
36+50	42+50	RT	500	
SUBTOTAL WINCHESTER				
2070				
MIDLOTHIAN ROAD				
79+12	87+40	LT	828	
79+12	87+40	RT	828	
83+18	-	RT	36	
85+87	-	RT	16	
87+75	100+35	LT	1260	
87+75	100+35	RT	1260	
SUBTOTAL MIDLOTHIAN				
4231				
TOTAL				
6301				

30 SCHEDULE OF PIPE UNDERDRAIN, 4" (MODIFIED)				
FROM STATION	TO STATION	REFERENCE	LENGTH (feet)	
WINCHESTER ROAD				
31+80	32+25	RT	75	
31+80	32+50	LT	70	
32+25	34+00	RT	175	
32+50	34+00	LT	150	
34+00	35+54	RT	154	
34+00	35+54	LT	154	
80+80	39+40	RT	315	
86+42	38+07	LT	207	
38+07	41+48	LT	341	
39+40	42+50	RT	310	
41+48	42+50	LT	102	
SUBTOTAL WINCHESTER				
2063				
MIDLOTHIAN ROAD				
78+72	80+00	LT	128	
78+72	82+50	RT	378	
80+00	82+50	LT	250	
82+50	85+00	LT	250	
82+50	85+00	RT	250	
85+00	86+80	LT	180	
85+00	86+80	RT	180	
86+80	35+54	LT	85	
35+54	88+88	LT	110	
88+42	90+30	RT	188	
88+88	90+30	LT	132	
90+30	91+80	RT	150	
90+30	91+80	LT	150	
91+80	93+00	RT	140	
91+80	93+83	LT	223	
93+00	93+32	LT	40	
88+88	95+82	RT	196	
94+00	95+82	LT	182	
95+82	100+50	RT	408	
95+82	100+50	LT	468	
SUBTOTAL MIDLOTHIAN				
4111				
TOTAL				
6174				

33 SCHEDULE OF WOOD FENCE TO BE REMOVED AND REPLACED		
FROM STATION	TO STATION	LENGTH (feet)
SOUTHWEST CORNER		
85+86 RT	37+40 RT	90.0
TOTAL		
90.0		

34 SCHEDULE OF PLAN ALLOWANCE ITEMS		
ITEM	QUANTITY	UNIT
EARTH EXCAVATION (UNSTABLE)	914	CUBIC YARDS
POROUS GRANULAR EMBANKMENT, SPECIAL	1295	TON
EXPLORATION TRENCH, 48"	150.0	FOOT
CLASS D PATCHES, TYPE I, 11"	48.0	SQUARE YARDS
CLASS D PATCHES, TYPE II, 11"	72.1	SQUARE YARDS
CLASS D PATCHES, TYPE III, 11"	218.2	SQUARE YARDS
CLASS D PATCHES, TYPE IV, 11"	144.1	SQUARE YARDS
PIPE DRAINS 4"	150	FOOT
PIPE DRAINS 6"	150	FOOT
AGGREGATE FOR TEMPORARY ACCESS	500	TON