

SCHEDULE OF QUANTITIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	93-00295-02-PV	MCLEAN	117	11
STA.		TO STA.		
ILLINOIS				

CONTRACT NO. 87267

EARTHWORK SUMMARY								
STAGE	LOCATION	TOPSOIL EXCAVATION (CU YD)	TOPSOIL PLACEMENT (CU YD)	*ESTIMATED TOPSOIL WASTE (CU YD)	EARTH EXCAVATION (CU YD)	**TOTAL EARTH EXCAVATION (CU YD)	EMBANKMENT (CU YD)	***ESTIMATED EARTH WASTE (CU YD)
1	HAMILTON ROAD	4175	1299	2876	12663	15539	4244	10234
2	HAMILTON ROAD		237	-237	1548	1311	481	710
3	HAMILTON ROAD	28	411	-383	6398	6015	1268	4430
4	HAMILTON ROAD	110	176	-66	242	176	444	-379
	SUBTOTAL	4313	2123	2190	20851	23041	6437	14995
1	MORRIS AVENUE	35	272	-237	4849	4612	8	4602
3	MORRIS AVENUE	885	589	296	506	802	3095	-3067
4	MORRIS AVENUE	441	474	-33	274	241	4518	-5407
	SUBTOTAL	1361	1335	26	5629	5655	7621	-3871
	TOTALS	5674	3458	2216	26480	28696	14058	11124

*TOPSOIL WASTE = TOPSOIL EXCAVATION - TOPSOIL PLACEMENT (ASSUMES NO SHRINKAGE FACTOR)

**TOTAL EARTH EXCAVATION = EARTH EXCAVATION + TOPSOIL WASTE

***EARTH WASTE = EARTH EXCAVATION + TOPSOIL WASTE - (EMBANKMENT x 1.25 SHRINKAGE FACTOR)

NOTES

- THE INDICATED EARTHWORK VOLUMES ARE ESTIMATES BASED ON THE "AVERAGE END AREA" METHOD OF CALCULATION. EARTHWORK VOLUMES WILL VARY WITH ACTUAL SOIL CONDITIONS ENCOUNTERED DURING CONSTRUCTION. THESE ESTIMATES ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR ONLY AND SHOULD BE CONSIDERED APPROXIMATE. ACTUAL VOLUMES OF EARTH EXCAVATION AND EMBANKMENT WILL BE PAID FOR IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- THE EMBANKMENT QUANTITIES DO NOT ACCOUNT FOR SHRINKAGE FACTORS. A 25% SHRINKAGE FACTOR HAS BEEN APPLIED TO THE EMBANKMENT TO DETERMINE THE ESTIMATED VOLUME OF EARTH WASTE.
- EXCESS EARTH MATERIALS FROM WATER MAIN AND SEWER TRENCHES AND EXCAVATIONS FOR STRUCTURES AND TRAFFIC SIGNAL EQUIPMENT ARE NOT INCLUDED IN THE EARTHWORK CALCULATIONS. EXCESS EARTH MATERIAL SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR. THE COST OF DISPOSING OF EXCESS EARTH MATERIAL WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
- AN ESTIMATED QUANTITY FOR THE REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS HAS BEEN INCLUDED IN THE CONTRACT. THE REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS WILL BE AS DIRECTED BY THE ENGINEER AND WILL BE MEASURED AND PAID FOR AS DESCRIBED IN THE SPECIAL PROVISIONS.
- THE EXCAVATED TOPSOIL MATERIAL REQUIRED FOR THE TOTAL TOPSOIL PLACEMENT SHALL BE STORED ON THE PROPERTY AT THE SOUTHEAST CORNER OF THE HAMILTON ROAD AND MORRIS AVENUE INTERSECTION UNTIL SUCH TIME THAT IT CAN BE PLACED IN ITS FINAL LOCATION.
- EXCESS EARTH MATERIALS FROM THE STAGE I OPERATIONS SHALL BE USED TO CONSTRUCT PORTIONS OF THE EMBANKMENT ON SOUTH MORRIS AVENUE AS DESCRIBED IN THE STAGE I CONSTRUCTION SEQUENCE NOTES ON THE STAGE CONSTRUCTION AND MAINTENANCE OF TRAFFIC PLAN.

SEEDING, CLASS 1A

LOCATION	ACRE
HAMILTON ROAD	
STAGE I	2.4
STAGE II	0.5
STAGE III	0.8
STAGE IV	0.3
MORRIS AVENUE	
STAGE I	0.5
STAGE III	1.1
STAGE IV	0.9
TOTAL	6.5

FERTILIZER NUTRIENTS (NITROGEN, PHOSPHORUS, POTASSIUM)

LOCATION	ACRE
HAMILTON ROAD	
STAGE I	216
STAGE II	45
STAGE III	72
STAGE IV	27
MORRIS AVENUE	
STAGE I	45
STAGE III	99
STAGE IV	81
TOTAL	585

MULCH, METHOD 3

LOCATION	ACRE
HAMILTON ROAD	
STAGE I	2.4
STAGE II	0.5
STAGE III	0.8
STAGE IV	0.3
MORRIS AVENUE	
STAGE I	0.5
STAGE III	1.1
STAGE IV	0.9
TOTAL	6.5

SODDING

STATION	TO STATION	SQ YD
HAMILTON ROAD		
240+90.0 RT.	241+51.9 RT.	53
MORRIS AVENUE		
886+50.0 LT.	888+00.0 LT.	111
887+50.0 RT.	889+50.0 RT.	141
TOTAL		305

SUPPLEMENTAL WATERING

STATION	TO STATION	UNIT
HAMILTON ROAD		
240+90.0 RT.	241+51.9 RT.	0.8
MORRIS AVENUE		
886+50.0 LT.	888+00.0 LT.	1.7
887+50.0 RT.	889+50.0 RT.	2.1
TOTAL		4.6

SUB-BASE GRANULAR MATERIAL, TYPE A 12"

STATION	TO STATION	SQ YD
HAMILTON ROAD		
211+65.00 LT. & RT.	240+90.00 LT. & RT.	19184
MORRIS AVENUE		
888+40.00 LT. & RT.	899+72.49 LT. & RT.	5823
900+27.51 LT. & RT.	904+63.50 LT. & RT.	2619
904+63.50 LT.	906+10.00 LT.	73
TOTAL		27699

AGGREGATE BASE COURSE, TYPE A 6"

STATION	TO STATION	SQ YD
HAMILTON ROAD		
211+65.0 LT.	224+63.0 LT.	1597
225+84.6 LT.	238+77.2 LT.	1582
239+05.3 LT.	240+90.0 LT.	224
240+90.0 RT.	242+00.0 RT.	175
HAMILTON ROAD STAGE CONSTRUCTION		
236+89.8 LT.	244+04.6 RT.	1188
MORRIS AVENUE		
885+73.0 LT.	888+40.0 LT.	178
887+50.0 RT.	888+40.0 RT.	39
TOTAL		4983

AGGREGATE SURFACE COURSE, TYPE B (8" THICK)

STATION	TO STATION	TON
HAMILTON ROAD		
232+49.2 LT.		1.5
232+83.6 LT.		1.3
232+89.6 LT.	233+04.6 LT. - P.E.	9.1
237+44.0 LT.		2.0
MORRIS AVENUE		
891+82.2 RT.		1.3
903+09.0 RT.		1.7
TOTAL		16.9

BITUMINOUS MATERIALS (PRIME COAT) (0.10 GAL/SQ YD)

STATION	TO STATION	GALLON
MORRIS AVENUE		
887+50.0 LT. & RT.	888+40.0 LT. & RT.	20
904+63.5 LT. & RT.	910+15.0 LT. & RT.	210
TIMBERLAKE LANE		
1000+50.74 LT. & RT.	1000+70.0 LT. & RT.	4
TOTAL		234

BITUMINOUS MATERIALS (PRIME COAT) (0.25 GAL/SQ YD)

STATION	TO STATION	GALLON
HAMILTON ROAD		
211+65.0 LT.	224+63.0 LT.	363
TOTAL		363

BITUMINOUS MATERIALS (PRIME COAT) (0.50 GAL/SQ YD)

STATION	TO STATION	GALLON
HAMILTON ROAD		
240+90.0 RT.	242+00.0 RT.	84
MORRIS AVENUE		
885+73.0 LT.	888+40.0 LT.	79
887+50.0 RT.	888+40.0 RT.	16
TOTAL		179

AGGREGATE (PRIME COAT)

STATION	TO STATION	TON
MORRIS AVENUE		
904+63.5 LT. & RT.	910+15.0 LT. & RT.	4
TOTAL		4

MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS

STATION	TO STATION	TON
MORRIS AVENUE		
904+63.5 LT. & RT.	910+15.0 LT. & RT.	1
TOTAL		1

INCIDENTAL BITUMINOUS SURFACING (1/2" THICK)

STATION	TO STATION	TON
MORRIS AVENUE		
904+63.5 LT. & RT.	910+15.0 LT. & RT.	206
TOTAL		206

INCIDENTAL BITUMINOUS SURFACING (3" THICK)

STATION	TO STATION	TON
HAMILTON ROAD STAGE CONSTRUCTION		
236+89.8 LT.	244+04.6 RT.	200
MORRIS AVENUE STAGE CONSTRUCTION		
896+00.0 LT. & RT.	896+15.0 LT. & RT.	6
TOTAL		206

INCIDENTAL BITUMINOUS SURFACING (8" THICK)

STATION	TO STATION	TON
HAMILTON ROAD		
240+90.0 RT.	242+00.0 RT.	80
MORRIS AVENUE		
885+73.0 LT.	888+40.0 LT.	75
887+50.0 RT.	888+40.0 RT.	15
TOTAL		170

INCIDENTAL BITUMINOUS SURFACING (VARIABLE THICKNESS)

STATION	TO STATION	TON
MORRIS AVENUE		
887+50.0 LT. & RT.	888+40.0 LT. & RT.	27
TIMBERLAKE LANE		
1000+50.74 LT. & RT.	1000+70.0 LT. & RT.	7
TOTAL		34

PORTLAND CEMENT CONCRETE PAVEMENT 7"

STATION	TO STATION	SQ YD
MORRIS AVENUE		
888+40.00 LT. & RT.	899+72.49 LT. & RT.	5000
(INCLUDES WITTEN WOODS DRIVE)		
900+27.51 LT. & RT.	904+63.50 LT. & RT.	2267
904+63.50 LT.	906+10.00 LT.	23
TOTAL		7290

PORTLAND CEMENT CONCRETE PAVEMENT 8"

STATION	TO STATION	SQ YD
HAMILTON ROAD		
211+65.00 LT. & RT.	240+90.00 LT. & RT.	17364
(INCLUDES TIMBERLAKE LANE)		
TOTAL		17364

PROTECTIVE COAT

LOCATION	SQ YD
HAMILTON ROAD	
PCC PVT 8"	17364
COMB CC&G TB6.18	1480
MORRIS AVENUE	
PCC PVT 7"	7290
COMB CC&G TB6.18	994
TOTAL	27128

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 6 INCH

STATION	TO STATION	SQ YD
HAMILTON ROAD		
223+41.0 RT. - P.E.		103.8
224+04.8 RT. - P.E.		145.9
227+40.4 LT. - P.E.		161.4
227+92.8 LT.	228+47.3 LT. - P.E.	139.8
229+34.2 LT. - P.E.		114.8
229+83.7 LT.	230+35.7 LT. - P.E.	146.0
230+87.3 LT. - P.E.		48.8
232+49.2 LT. - P.E.		33.3
232+83.6 LT. - P.E.		42.4
233+72.0 LT. - P.E.		39.7
234+76.3 LT.	235+55.6 LT. - P.E.	199.4
236+05.4 LT. - P.E.		83.9
237+44.0 LT. - P.E.		36.3
238+48.7 LT. - P.E.		79.2
241+32.5 RT.	241+47.6 RT. - P.E.	22.3
241+60.4 RT. - P.E.		23.5

STATION	TO STATION	SQ YD
MORRIS AVENUE		
891+82.2 RT. - P.E.		85.3
895+12.0 LT. - P.E.		113.8
896+68.5 LT. - P.E.		39.6
896+91.4 LT. - P.E.		23.2
901+59.4 RT. - P.E.		79.9
903+09.0 RT. - P.E.		135.4
903+40.0 LT. - P.E.		19.7
906+70.2 RT. - P.E.		34.6
TOTAL		1952.0

PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT 8 INCH

STATION	TO STATION	SQ YD
HAMILTON ROAD		
229+30.0 RT. - C.E.		30.0
236+35.0 RT. - C.E.		334.6
240+63.5 RT. - C.E.		77.7
MORRIS AVENUE		
898+32.0 RT. - C.E.		164.2
TOTAL		606.5

PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH

STATION	TO STATION	SQ FT
HAMILTON ROAD		
211+65.00 RT.	224+72.07 RT.	6515.1
MORRIS AVENUE		
888+45.00 LT.	891+68.93 LT.	1619.6
892+77.78 LT.	899+46.84 LT.	3389.2
900+59.12 LT.	907+30.00 LT.	3460.5
900+64.82 RT.	904+42.27 RT.	1921.6
903+25.50 RT.	903+30.50 RT.	15.4
905+01.21 RT.	907+55.00 RT.	1274.6
TOTAL		18196.0

FOR ADDITIONAL SCHEDULES OF QUANTITIES AND BILL OF MATERIALS SEE THE STAGE CONSTRUCTION AND MAINTENANCE OF TRAFFIC PLANS, REMOVALS/RELOCATIONS PLANS, PLAN AND PROFILE SHEETS, PAVEMENT MARKING PLANS, WATER MAIN PLANS, AND TRAFFIC SIGNAL PLANS.

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

DATE : 3-05

DRAWN BY : J.L.B.

CHECKED BY : R.L.H.

SCALE : NONE