

SCHEDULE OF QUANTITIES

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6371	93-00295-03-PV	MCLEAN	109	11
STA.	TO STA.		ILLINOIS F.A. PROJ. NO. M-5227(046)	
			CONTRACT NO. 91351	

EARTHWORK SUMMARY								
STAGE	LOCATION	21101505			20200100		EMBANKMENT (NO PAYMENT) (CU YD)	***ESTIMATED EARTH WASTE (CU YD)
		TOPSOIL EXCAVATION (CU YD)	TOPSOIL PLACEMENT (CU YD)	*ESTIMATED TOPSOIL WASTE (CU YD)	**TOTAL EARTH EXCAVATION (CU YD)	**TOTAL EARTH EXCAVATION (CU YD)		
1	HAMILTON ROAD	2361	1284	1077	1583	2660	2011	146
2	HAMILTON ROAD		126	-126	2012	1886	808	876
3	HAMILTON ROAD				264	264	58	192
4	HAMILTON ROAD				120	120	2	118
5	HAMILTON ROAD		245	-245	1133	888	17	867
6	HAMILTON ROAD		160	-160	1217	1057	23	1028
7	HAMILTON ROAD		184	-184	1773	1589	35	1545
8	HAMILTON ROAD		152	-152	3038	2886	26	2854
	SUBTOTAL	2361	2151	210	11140	11350	2980	7625
3 RT.	MAIN STREET				241	241	62	164
4 RT.	MAIN STREET		66	-66	282	216	162	14
4 LT.	MAIN STREET		38	-38	715	677	4	672
5 RT.	MAIN STREET				242	242		242
	SUBTOTAL		104	-104	1480	1376	228	1091
	TOTALS	2361	2255	106	12620	12726	3208	8716

*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 WILL BE PAID FOR IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- THE TABULATED EMBANKMENT QUANTITIES DO NOT ACCOUNT FOR A SHRINKAGE FACTOR. A 25% SHRINKAGE FACTOR HAS BEEN APPLIED TO THE TABULATED EMBANKMENT QUANTITY 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 IN THE AREA ALONG THE NORTH SIDE OF HAMILTON ROAD FROM STA. 243+00 TO STA. 246+00 UNTIL SUCH TIME THAT IT CAN BE PLACED IN ITS FINAL LOCATION.

21001000
GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

LOCATION	SO YD
CITY - HAMILTON ROAD	
TOKEN QUANTITY	1950
TOTAL	1950

21101615
TOPSOIL FURNISH AND PLACE, 4"

LOCATION	SO YD
CITY - HAMILTON ROAD	
TOKEN QUANTITY	500
TOTAL	500

25000110
SEEDING, CLASS 1A

LOCATION	ACRE
CITY - HAMILTON ROAD	
STAGE I	2.4
STAGE II	0.2
STAGE V	0.5
STAGE VI	0.3
STAGE VII	0.3
STAGE VIII	0.3
CITY - HAMILTON ROAD SUBTOTAL	4.0
CITY - MAIN STREET	
STAGE V	0.2
CITY - MAIN STREET SUBTOTAL	0.2
TOTAL	4.2

25000400, 25000500, 25000600
FERTILIZER NUTRIENTS
(NITROGEN, PHOSPHORUS, POTASSIUM)

LOCATION	POUND
CITY - HAMILTON ROAD	
STAGE I	216
STAGE II	18
STAGE V	45
STAGE VI	27
STAGE VII	27
STAGE VIII	27
CITY - HAMILTON ROAD SUBTOTAL	360
CITY - MAIN STREET	
STAGE V	18
CITY - MAIN STREET SUBTOTAL	18
TOTAL	378

25100125
MULCH, METHOD 3

LOCATION	ACRE
CITY - HAMILTON ROAD	
STAGE I	1.8
STAGE II	0.2
STAGE V	0.4
STAGE VI	0.2
STAGE VII	0.2
STAGE VIII	0.2
CITY - HAMILTON ROAD SUBTOTAL	3.0
CITY - MAIN STREET	
STAGE V	0.2
CITY - MAIN STREET SUBTOTAL	0.2
TOTAL	3.2

25100630
EROSION CONTROL BLANKET

LOCATION	SO YD
CITY - HAMILTON ROAD	
TOKEN QUANTITY	5000
TOTAL	5000

25200100
SODDING

LOCATION	SO YD
CITY - HAMILTON ROAD	
TOKEN QUANTITY	50
TOTAL	50

25200200
SUPPLEMENTAL WATERING

LOCATION	UNIT
CITY - HAMILTON ROAD	
TOKEN QUANTITY	1
TOTAL	1

31200500
STABILIZED SUB-BASE - HOT-MIX ASPHALT, 4"

STATION	TO STATION	SO YD
CITY - HAMILTON ROAD		
240+90.0 LT. & RT.	262+55.04 LT. & RT.	15153
TOTAL		15153

35100500
AGGREGATE BASE COURSE, TYPE A 6"

STATION	TO STATION	SO YD
CITY - HAMILTON ROAD		
239+15.5 LT.	262+21.8 LT.	2817
TOTAL		2817

35101100
AGGREGATE BASE COURSE, TYPE A 12"

STATION	TO STATION	SO YD
CITY - HAMILTON ROAD		
240+90.0 LT. & RT.	262+55.04 LT. & RT.	15153
CITY - HAMILTON ROAD SUBTOTAL		15153
CITY - MAIN STREET		
294+16.0 RT.	300+22.5 RT.	733
297+45.8 LT.	500+01.9 LT.	174
298+01.0 LT.	298+51.9 LT.	56
501+53.8 RT.	303+68.0 LT.	762
CITY - MAIN STREET SUBTOTAL		1725
TOTAL		16878

35300400
PORTLAND CEMENT CONCRETE BASE COURSE 9"

STATION	TO STATION	SO YD
CITY - MAIN STREET		
294+16 RT.	300+22.5 RT.	554.6
297+45.8 LT.	500+01.9 LT.	97.9
298+01.0 LT.	298+51.9 LT.	44.7
501+53.8 RT.	303+68.0 LT.	552.1
TOTAL		1249.3

35800100
PREPARATION OF BASE

STATION	TO STATION	SO YD
CITY - HAMILTON ROAD		
500+35 LT. & RT.	501+57 LT. & RT.	900
TOTAL		900

40200800
AGGREGATE SURFACE COURSE, TYPE B (8" THICK)

STATION	TO STATION	TON
CITY - HAMILTON ROAD		
1000+11 LT. & RT.	1002+92 LT. & RT.	285
254+00 LT.		18
255+00 LT.	256+80 LT.	87
257+75 LT.		36
CITY - HAMILTON ROAD SUBTOTAL		426
CITY - MAIN STREET		
297+24.0 RT.		24
CITY - MAIN STREET SUBTOTAL		24
TOTAL		450

40600100
BITUMINOUS MATERIALS (PRIME COAT)

STATION	TO STATION	GALLON
CITY - HAMILTON ROAD		
PEDESTRIAN TRAIL		
239+15.5 LT.	262+21.8 LT.	740
CITY - HAMILTON ROAD SUBTOTAL		740
CITY - MAIN STREET		
294+16.0 LT. & RT.	303+68.0 LT. & RT.	240
CITY - MAIN STREET SUBTOTAL		240
TOTAL		980

40600300
AGGREGATE (PRIME COAT)

STATION	TO STATION	TON
CITY - HAMILTON ROAD		
239+15.5 LT.	262+21.8 LT.	740
CITY - HAMILTON ROAD SUBTOTAL		740
CITY - MAIN STREET		
294+16.0 LT. & RT.	303+68.0 LT. & RT.	240
CITY - MAIN STREET SUBTOTAL		240
TOTAL		980

40600400
MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS

STATION	TO STATION	TON
CITY - HAMILTON ROAD		
500+35 LT. & RT.	501+57 LT. & RT.	1
TOTAL		1

40600845
POLYMERIZED LEVELING BINDER
(MACHINE METHOD), N90 (1")

STATION	TO STATION	TON
CITY - MAIN STREET		
294+16.0 LT. & RT.	303+68.0 LT. & RT.	128
TOTAL		128

40603315
HOT-MIX ASPHALT SURFACE COURSE,
MIX "C", N70 (2")

STATION	TO STATION	TON
CITY - HAMILTON ROAD		
239+15.5 LT.	262+21.8 LT.	330
TOTAL		330

40603545
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE,
MIX D, N90 (1 1/2")

STATION	TO STATION	TON
CITY - MAIN STREET		
294+16.0 LT. & RT.	303+68.0 LT. & RT.	192
TOTAL		192

42000301
PORTLAND CEMENT CONCRETE
PAVEMENT 8" (JOINTED)

STATION	TO STATION	SO YD
CITY - HAMILTON ROAD		
240+89 LT. & RT.	262+55.04 LT. & RT.	13521.2
DICKERSON DRIVE		71.5
RODGERS ROAD		73.6
TOTAL		13666.3

42001300
PROTECTIVE COAT

LOCATION	SO YD
CITY - HAMILTON ROAD	
PCC PVT 8"	13667
COMB CC&G	1259
TOTAL	14926

42300200
PORTLAND CEMENT CONCRETE DRIVEWAY
PAVEMENT 6 INCH

STATION	TO STATION	SO YD
CITY - HAMILTON ROAD		
241+60.4 RT. - P.E.		26.7
243+82.4 RT. - P.E.		44.8
244+38.2 RT. - P.E.		43.7
246+03.0 RT. - P.E.		23.2
247+48.5 RT. - P.E.		23.2
254+62.0 RT. - P.E.		154.6
256+54.0 RT. - P.E.		98.3
TOTAL		414.5

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

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

DATE : 6-09
 DRAWN BY : J.L.B.
 CHECKED BY : R.L.H.
 SCALE : NONE