

EARTHWORK SCHEDULE

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9315	00-00032-00-RP	MONROE	49	5
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 97264				

LOCATION	1	2	3	4	5	6*	7	8	9	10*	11	12	13*
	TOPSOIL REMOVAL, 6"	TOPSOIL REMOVAL, 6" x SHRINKAGE FACTOR	EARTH EXCAVATION (ESTIMATE OF UNSUITABLE SOIL)	EARTH EXCAVATION	EARTH EX. x SHRINKAGE FACTOR	EARTH EXCAVATION TOTAL	EMBANKMENT P4	BALANCE (+) WASTE (-) BORROW	EMBANKMENT P5	TOPSOIL FURNISH & PLACE, 4"	TOPSOIL FURNISH & PLACE, 4"	BALANCE (+) WASTE (-) BORROW	FURNISHED EXCAVATION (BALANCE)
	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	SQ. YD.	CU. YD.	CU. YD.	CU. YD.
MOORE STREET													
STA. 113+63 TO STA. 118+60	266	200	598	404	303	1268	277	26	527	1083	120	80	421
TOTALS:	266	200	598	404	303	1268	277	26	527	1083	120	80	421

NOTES:

INCLUDES ENTRANCE EARTHWORK.

* = PAY ITEM

COLUMN 1 = ESTIMATED FROM SOIL BORINGS. THIS MATERIAL CAN BE USED FOR "TOPSOIL FURNISH AND PLACE, 4" INCLUDED IN "EARTH EXCAVATION" PAY ITEM.

COLUMN 2 = COL. 1 x 0.75. FACTOR APPLIED TO CONSERVATIVELY ESTIMATE MATERIAL THAT CAN BE USED FOR "TOPSOIL FURNISH AND PLACE, 4" AND EMBANKMENT P5.

COLUMN 3 = THIS MATERIAL IS EXISTING BITUMINOUS SURFACE TREATMENT (OIL & CHIP) THAT IS TO BE REMOVED AND THAT CANNOT BE PLACE IN EMBANKMENT AND TOPSOIL AREAS. THE CITY OF WATERLOO WILL OWN THIS MATERIAL AND THE CONTRACTOR IS REQUIRED TO HAUL THIS TO THE CITY STOCKPILE.

COLUMN 4 = THIS MATERIAL IS USABLE MATERIAL THAT CAN BE PLACED IN EMBANKMENT P4 AND P5.

COLUMN 5 = COLUMN 4 x 0.75. FACTOR APPLIED TO CONSERVATIVELY ESTIMATE MATERIAL THAT CAN BE USED IN EMBANKMENT P4 AND P5.

COLUMN 6* = COLUMN 1 + COLUMN 3 + COLUMN 4.

COLUMN 7 = THIS MATERIAL CAN ONLY BE "EARTH EXCAVATION" MATERIAL FROM COLUMN 5.

COLUMN 8 = COLUMN 5 - COLUMN 7.

COLUMN 9 = THIS MATERIAL CAN BE "EARTH EXCAVATION" FROM COLUMN 5 AND "TOPSOIL REMOVAL, 6" FROM COLUMN 2.

COLUMN 10* = MATERIAL FROM COLUMN 2.

COLUMN 11 = COLUMN 10 CONVERTED TO CUBIC YARDS.

COLUMN 12 = COLUMN 2 - COLUMN 11. THIS MATERIAL CAN BE USED IN EMBANKMENT P5.

COLUMN 13* = COLUMN 9 - COLUMN 12 - COLUMN 8.

SIDEWALK REMOVAL

LOCATION	SQ. FT.
MOORE STREET	
STA. 117+26.14 - STA. 117+50, LT.	73.0
STA. 117+27.68, LT.	12.0
TOTAL	85

COMBINATION CONCRETE CURB AND GUTTER

LOCATION	COMBINATION CONCRETE CURB & GUTTER TYPE B - 6.18	* PROTECTIVE COAT
	FOOT	SQ. YD.
MOORE STREET		
LT. STA. 113+63 - STA. 117+35	387.0	-
RT. STA. 113+63 - STA. 117+35	357.0	-
TOTALS	744	207

* TOTAL CURB SURFACE AREA

SEEDING AND EROSION CONTROL

LOCATION	SEEDING CLASS 1A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE	HEAVY DUTY EXCELSIOR BLANKET	PERIMETER EROSION BARRIER	TEMPORARY EROSION CONTROL SEEDINGS	TRIANGULAR SILT DIKE
	ACRE	POUND	POUND	POUND	TON	SQ. YD.	FOOT	POUND	EACH
MOORE STREET									
STA. 113+63 - STA. 118+60	0.3	27	27	27	0.6	1225		30	
LT. STA. 113+75 - STA. 114+81.3							146		
LT. STA. 114+81.3 - STA. 115+02.7									4
LT. STA. 115+02.7 - STA. 115+11.4							12		
TOTALS	0.3	27	27	27	0.6	1225	158	30	4

PORTLAND CEMENT CONCRETE SIDEWALK, 4 INCH

LOCATION	SQ. FT.	* PROTECTIVE COAT	DETECTABLE WARNINGS
		SQ. YD.	SQ. FT.
MOORE STREET			
STA. 113+63.00 - STA. 114+95.48, LT	841.5	-	25.0
STA. 115+47.61 - STA. 115+72.92, LT	161.6	-	50.0
STA. 115+92.54 - STA. 116+04.07, LT	73.9	-	50.0
STA. 116+34.90 - STA. 117+35.00, LT	599.6	-	25.0
STA. 117+35.00 - STA. 117+50.00, LT	66.6	-	-
TOTAL	1743	194	150

* TOTAL SIDEWALK AREA x 1/9

PAVEMENT MARKINGS

LOCATION	TYPE	POLYUREA			PAINT	
		4" YELLOW FOOT	4" WHITE FOOT	6" WHITE FOOT	4" YELLOW FOOT	4" WHITE FOOT
MOORE STREET						
STA. 113+63 - STA. 117+35	YELLOW - CENTERLINE - NO PASSING	744.0				
	WHITE - EDGE LINES		744.0			
	WHITE - PARKING STALLS			63.0		
STA. 117+35 - STA. 118+60	YELLOW - CENTERLINE - NO PASSING				250.0	
	WHITE - EDGE LINES					250.0
TOTALS		744	744	63	250	250
		1488			500	

PAVING SCHEDULE

LOCATION	SUBBASE GRANULAR MATERIAL, TYPE A, 4" SQ. YD.	PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED) SQ. YD.	PROTECTIVE COAT SQ. YD.	BITUMINOUS MATERIALS (PRIME COAT) (GALLON)	BIT. CONC. SURFACE CSE., SUPERPAVE MIX. "C", N50 (2") (TON)	BITUMINOUS CONCRETE BINDER CSE., SUPERPAVE IL-19.0, N50 (7") (TON)
MOORE STREET						
STA. 113+63 - STA. 117+35	1825.7	1570.7	-	-	-	-
STA. 117+35 - STA. 118+60	538.8	-	-	199.2	57.4	205.1
TOTALS	2365	1571	1571	199	57	205

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE
DATE

DRAWN BY
CHECKED BY