

**EARTHWORK SCHEDULE**

LOCATION	1	2	3	4	5	6*	7	8	9	10*	11	12	13*
	TOPSOIL REMOVAL, 6" x SHRINKAGE FACTOR	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 TOPSOIL (+) 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
<b>TOTALS:</b>	<b>266</b>	<b>200</b>	<b>598</b>	<b>404</b>	<b>303</b>	<b>1268</b>	<b>277</b>	<b>26</b>	<b>527</b>	<b>1083</b>	<b>120</b>	<b>80</b>	<b>421</b>

**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.

**SEEDING AND EROSION CONTROL**

LOCATION	SEEDING CLASS IA	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		
<b>TOTALS</b>	<b>0.3</b>	<b>27</b>	<b>27</b>	<b>27</b>	<b>0.6</b>	<b>1225</b>	<b>158</b>	<b>30</b>	<b>4</b>

**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
<b>TOTALS</b>		<b>744</b>	<b>744</b>	<b>63</b>	<b>250</b>	<b>250</b>
		<b>1488</b>			<b>500</b>	

**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
<b>TOTALS</b>	<b>2365</b>	<b>1571</b>	<b>1571</b>	<b>199</b>	<b>57</b>	<b>205</b>

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				

**SIDEWALK REMOVAL**

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

**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	-
<b>TOTALS</b>	<b>744</b>	<b>207</b>

\* TOTAL CURB SURFACE AREA

**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	-	-
<b>TOTAL</b>	<b>1743</b>	<b>194</b>	<b>150</b>

\* TOTAL SIDEWALK AREA x 1/9

ILLINOIS DEPARTMENT OF TRANSPORTATION

**SCHEDULE OF QUANTITIES**

SCALE  
DATE

DRAWN BY  
CHECKED BY

CADD FILE: I4690\FB\schd\_4690.dgn  
PLOTTED: 10/24/2005

H.M. & G. NO. 4690