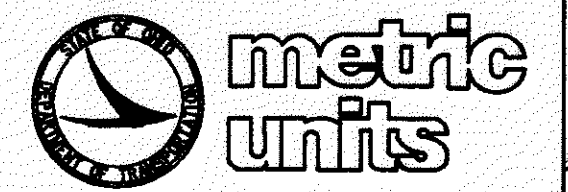


FOR TYPICAL SECTIONS SEE SHEETS 3 THRU 7



CALCULATED  
J.C.S.  
CHECKED  
A.E.D.

EARTHWORK AND SODDING		203	203	660	
SH'T	STATION TO STATION	EXCAVATION NOT INCLUDING EMBANKMENT CONSTRUCTION	EMBANKMENT	SODDING	
		C.M.	C.M.	S.M.	
S.R. 640					
65	2+827.154	2+860.000	247	0	134.1
66	2+860.000	2+920.000	267	0	185
67	2+920.000	2+980.000	254	38	180
68	2+980.000	3+040.000	188	52	150
69	3+040.000	3+100.000	249	51	165
70	3+100.000	3+160.000	325	14	114
71	3+160.000	3+220.000	463	0	158
72	3+220.000	3+280.000	565	0	120
73	3+280.000	3+340.000	675	0	150
74	3+340.000	3+400.000	651	0	150
75	3+400.000	3+460.000	593	0	180
76	3+460.000	3+520.000	462	0	102
77	3+520.000	3+539.400	133	0	25
S.R. 91					
84	0+810.000	0+860.000	45 *	27 *	128 *
85	0+860.000	0+900.000	96 *	72 *	295 *
86	0+900.000	0+960.000	94 *	59 *	297 *
87	1+040.000	1+080.000	67 *	27 *	134 *
88	1+100.000	1+140.000	112 *	44 *	242 *
EAST 354th STREET					
111	1+020.000	1+030.000	32	10	90
EAST 355th STREET					
112	0+970.000	0+980.000	38	4	72
EAST 357th STREET (NORTH OF S.R.640)					
113	1+020.000	1+030.000	34	10	88
EAST 357th STREET (SOUTH OF S.R.640)					
114	0+970.000	0+980.000	25	4	40
EAST 359th STREET (NORTH OF S.R.640)					
115	1+020.000	1+050.000	140	2	73
EAST 359th STREET (SOUTH OF S.R.640)					
116	0+960.000	0+980.000	78	19	118
EAST 360th STREET					
117	1+020.000	1+030.000	61	0	31
118	1+030.000	1+050.000	92	0	50.5

EARTHWORK AND SODDING		203	203	660	
SH'T	STATION TO STATION	EXCAVATION NOT INCLUDING EMBANKMENT CONSTRUCTION	EMBANKMENT	SODDING	
		C.M.	C.M.	S.M.	
EAST 361st STREET					
119	0+970.000	0+980.000	40	0	21
EAST 362nd STREET					
120	1+020.000	1+050.000	154	1	129
EAST 363rd STREET					
121	0+970.000	0+980.000	32	4	40
EAST 364th STREET					
122	1+020.000	1+040.000	80	9	95
100% LOCAL PARTICIPATION *					
			414 *	229 *	1096 *
TOTAL			6292	447	3756.6

ITEM 870 - COMMERCIAL FERTILIZER

$$\begin{aligned} \text{RATE} &= 0.1 \text{ kg/S.M. OF } 12 - 12 - 12 \\ (0.1 \text{ kg/S.M.})(2660.6 \text{ S.M.}) &= 266.06 \text{ kg} \\ (0.1 \text{ kg/S.M.})(1096 \text{ S.M.}) &= 110.00 \text{ kg} * \\ \hline &= 376 \text{ kg} \end{aligned}$$

ITEM 870 - AGRICULTURAL LIMING

$$\begin{aligned} \text{RATE} &= 0.563 \text{ kg/S.M.} \\ (0.563 \text{ kg/S.M.})(2660.0 \text{ S.M.}) &= 1497.92 \text{ kg} \\ (0.563 \text{ kg/S.M.})(1096 \text{ S.M.}) &= 617.00 \text{ kg} * \\ \hline &= 2115 \text{ kg} \end{aligned}$$

ITEM 870 - 50mm TOP SOIL, AS PER PLAN

$$\begin{aligned} (2660.6 \text{ S.M.})(0.050 \text{ M}) &= 133.0 \text{ CU.M.} \\ (1096 \text{ S.M.})(0.050 \text{ M}) &= 55.00 \text{ CU.M.} * \\ \hline &= 188 \text{ CU.M.} \end{aligned}$$

\* 100% LOCAL PARTICIPATION

EARTHWORK AND SODDING SUB-SUMMARY TOTALS  
CARRIED TO GENERAL SUMMARY

EARTHWORK & SODDING SUB-SUMMARY

LAK-640-2.865 (1.78)