QUANTITY CALCULATIONS

BY C.E.R. DATE 9-85

CHKD. I.M. DATE 9-85

WOODRUFF, INC.

F.H.W.A. REGION	STATE	PROJECT		33
5	OHIO			86

LAKE COUNTY

LAK-20-17.14

ITEM 606 GUARD POST, AS PER PLAN

Provisions of item 606 will govern the installation of this item except that a 30 feet length of 1/4" dia. security chain shall be installed between the two posts erected 26 feet apart. One end of the chain shall be secured to the post with an 1/4" dia. eyebolt. The chain shall end in a heavy duty hook for secure fastening.

ITEM 607, GATE, AS PER PLAN

Gate for this item shall be a six (6) feet high chain link fence type single 24 feet left opening aluminum frame cantilever slide gate, supported by three (3) 4" diameter schedule #40 galvanized steel posts as manufactured by the Anchor Fence, Inc. or approved equal.

Gate posts shall be set in a 24" dia. 6'-0" deep concrete foundation. Construction of this item will be according to the applicable provisions of item 607 and standard Construction drawing F-1 (11-10-83).

ITEM 607 FENCE, TYPE CL, AS PER PLAN

All provisions of item 607 will apply except the fence fabric which shall be a 72-inch chain link fence fabric with top rail with six feet line posts embeded in four (4) feet of concrete.

Payment for this item will be made for item 607 fence, type CL, as per plan, and shall include all labor, materials and incidentals necessary to complete this item.

DRIVE
QUANTITITIES

ITEM NO	DESCRIPTION	UNIT	TOTAL QUANTITITY
203	EMBANKMENT	CU. YDS.	3,481
310	SUBBASE TYPE II	CU. YDS.	146
408	BITUMINOUS PRIME COAT	GALS.	165
409	SEAL COAT BITUMINOUS MATERIAL	GALS.	124
409	SEAL COAT COVER AGGREGATE NO. 8	CU. YDS.	4
411	STABILIZED CRUSHED AGGREGATE	CU. YDS.	69
451	9" REINFORCED CONCRETE PAVEMENT	SQ YDS.	796

ITEM 203 EARTHWORK & EROSION CONTROL SUB-SUMMARIES						
STATION		659 AGRICULTURAL LIMING	659 COMMERCIAL FERTILIZER	659 SEEDING AND MULCHING	670 DITCH EROSION PROTECTION	
		TONS	TONS	SQ. YDS.	SQ. YDS.	
		0.45	0.09	820	189	
TOTAL		0.45	0.09	820	189	