MICROFILMED
NOV 23 1964

FED. AID PROJECT	STATE	FED. RD. DIST. Nº	FISCAL YEAR
	OHIO		

S.H.(I.C.H.) Nº 563 PAINESVILLE BRIDGE
LAKE COUNTY

SUMMARY OF QUANTITIES

SUMMARY OF EXCAVATION & EMBANKMENT

From Sta.	To Sta.	Exc. cuyds.	Emb+25%	Waste	Borrow
0+37.65	6+00	2,320.9	2,355.8		34.9
6+00	10+35	2,829.6	2,828.8	0.8	
10+35	13+30	3,088.7	3,058.2	30.5	
13+30	14+24.23	0.0	3,336.4		3,336.4
17+95.77	20+00	0.0	9,411.5		9,411.5
20+00	25+00	0.0	21,768.3		21,768.3
25+00	30+00	490.2	7,583.0		7,092.8
30+00	35+17.25	1.9	15,216.3		15,214.4
TOTALS		8,731.3	65,550.3	31.3	56,858.3

SUMMARY OF I.B.'s

State Std #1 C.B.	
Sta	R or L
24+0	L
26+25	L
28+0	L
29+50	L
Total	4

SUMMARY OF SEWERS

From Sta.	To Sta.	18" V.P.S. Lin. Ft.	15" V.P.S. Lin. Ft.	12" V.P.S. Lin. Ft.	1-5½ Conc. Cu. Yds.	Reinf. Steel Lbs.	1-8 Conc. Cu. Yds.
22+0 L	26+25 L	425			1.4	40.	
26+25 L	29+50 L		325				
29+50 L	31+25 R			200	1.0	32	10.8
6+35 L	6+75 L			40			
Totals		425	325	24.0	2.4	72	10.8

Note: On 12" U.S.P. item shown between Sta. 29+50 and Sta. 31+25 100' is to be encased between Sta. 29+92 and Sta. 30+85.

SUMMARY OF PAVEMENT

From Sta.	To Sta.	For	Sq. Yds.	Deductions	Additions
0+37.65	35+17.25	All	6959.2		
14+24.23	17+95.77	Bridge		743.1	
33+45	34+04	Inter. 6" T.			120
34+04	37+17.25	Pave.		120	
Grand Total			6216.1 sq. yds.		

SUMMARY OF TYPE D-1 GUARD RAIL

From Sta.	To Sta.	Lin. Ft. on L	Lin. Ft. on R
4+50	8+02	352	
5+0	6+92		192
11+85	12+41	56	
12+25	14+25		200
17+95	26+51	856	
17+95	29+23		1128
30+50	34+50		400
29+45	33+45	400	
7+08	7+96		88
12+51	14+25	168	
TOTALS		1832	2008
GRAND TOTAL		3840	

Summary of Emb. for Driveways.

Sta.	Cu. Yds.
7+00 R	250
12+50 L	250
30+01 R	800
Total	1300.

SUMMARY OF DRIVES

Station	Lin. Ft. 8" Corr. L or R	Lin. Ft. 12" Corr. L or R
1+40	20' L	
1+62	20' R	
3+21		20' L
8+25±		20' L
11+90±		20' L
7+00		40' R
12+50		40' L
Total	40'	140'

ESTIMATED QUANTITIES Proposal Nº 2

ROADWAY

R-1	8,731	cuyds.	Excavation unclassified
R-4	58,152	" "	Borrow (including channel excavation)
I-7	3,840	lin. ft.	Type D-1 Guard Rail complete
R-5	3,108	" "	finishing shoulders, slopes and ditches (both sides)
I-8	425	" "	18" vit. pipe sewer, in place
I-8	325	" "	15" vit. pipe sewer, in place
I-8	240	" "	12" vit. pipe sewer, in place
S-1	2.4	cu. yds.	1-5½ concrete storm sewer headwall
S-4	72	lbs.	Reinforcing Steel " " "
I-9	4		Nº1 Inlet Basins complete
S-10	40	lin. ft.	8" corr. iron pipe B-3, drives, in place
S-10	140	" "	12" " " " " " " "
D-4	1000	" "	6" drain tile 30" deep, cinder backfill placed as directed by the Engineer

PAVEMENT

T-2	6216	sq. yds.	traffic bound pavement using (stone 3.3, slag 3.6 using not less than 1244 T. stone, 1036 T. slag size 4x including fine grading 6" x 18'

See page 30 for Summary of Quantities of Proposal Nº 1.