

MICROFILMED
APR 24 1991

FHWA REGION	STATE	PROJECT
5	OHIO	

73
101

LAKE COUNTY
LAK 306-6.15

ESTIMATED QUANTITIES						
ITEM	TOTAL	UNIT	DESCRIPTION	SUPER	ABUT.	GEN'L
503	305	CU. YD.	UNCLASSIFIED EXCAVATION		305	
503	LUMP	LUMP	COFFERDAMS, CRIBS AND SHEETING		LUMP	
504	336	SQ. FT.	SHEET PILING LEFT IN PLACE (MIN. SECT. MOD. T IN 3 PER FOOT OF FOOTING)		336	
505	LUMP	LUMP	TEST PILE		LUMP	
507	460	LIN. FT.	STEEL PILES, HP 10x42		460	
509	21,952	LB.	REINFORCING STEEL	10,142	11,810	
511	45	CU. YD.	CLASS "S" CONCRETE, SUPERSTRUCTURE	45		
511	50	CU. YD.	CLASS "C" CONCRETE, FOOTINGS		50	
511	66	CU. YD.	CLASS "C" CONCRETE, ABOVE FOOTINGS		66	
513	53,700	LB.	STRUCTURAL STEEL	53,700		
514	53,700	LB.	FIELD PAINTING OF NEW STRUCTURAL STEEL, SYSTEM "A"	53,700		
518	37	LIN. FT.	8" PERFORATED, HELICAL CORRUGATED STEEL PIPE, INCLUDING SPECIALS, 701.01, BITUMINOUS COATED AS PER 701.04		37	
518	50	CU. YD.	PORDUS BACKFILL		50	
523		HOURS	DYNAMIC PILE TESTS		3	

GENERAL NOTES

REFERENCE SHALL BE MADE TO STANDARD DRAWINGS: RB-1-55 (2-2-59), SD-1-69 (6-12-69) AND SUPPLEMENTAL SPECIFICATION 836 (3-12-75).

DESIGN SPECIFICATIONS: THIS STRUCTURE CONFORMS TO "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY OFFICIALS 1977 INCLUDING 1978 INTERIM SPECIFICATIONS AND THE OHIO "SUPPLEMENT" TO THESE SPECIFICATIONS.

DESIGN DATA
 DESIGN LOAD - H 15-44
 CONCRETE CLASS "S" - UNIT STRESS 1,200 PSI FOR SUPERSTRUCTURE
 CONCRETE CLASS "C" - UNIT STRESS 1,333 PSI FOR SUBSTRUCTURE
 STRUCTURAL STEEL - ASTM A36 - UNIT STRESS 20,000 PSI
 REINFORCING STEEL - ASTM A615, A616, AND A 617 - UNIT STRESS 20,000 PSI

PILES SHALL BE DRIVEN TO A MINIMUM BEARING CAPACITY OF 55 TONS PER PILE FOR THE ABUTMENTS.

SEE SHEET 2 OF 28 FOR "GENERAL PLAN" AND DRAINAGE LAYOUT.
 FOR REINFORCING STEEL LIST SEE SHEET 22 OF 28

FRANKLIN CONSULTANTS INC. 13 / 28					
Consulting Engineers					
COLUMBUS, OHIO			OHIO		
ESTIMATED QUANTITIES & GENERAL NOTES					
BRIDGE NO. LAK - 306-0637					
S.R. 306 UNDER SERVICE ROAD					
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE
FM	GKS	GKS	SM	J4	10/22-79
REVISD					

BRUNING 44-560 10845