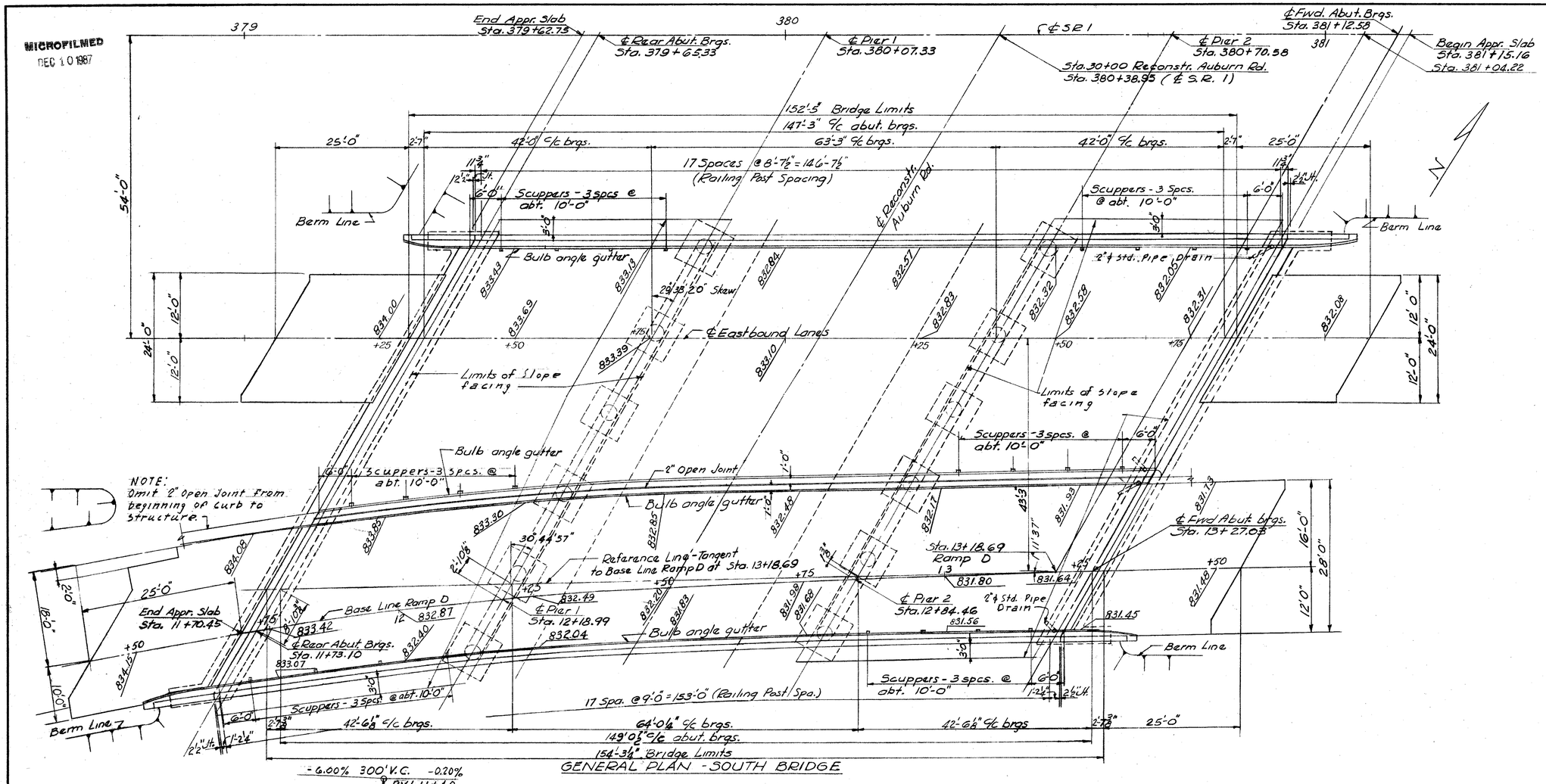
MICROFILMED
DEC 10 1987

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO	ACI-1103(21)	

LAKE COUNTY
SEC. LAK-1-12.89



ESTIMATED QUANTITIES (SOUTH BRIDGE & RAMP "D" BRIDGE)

Item	Total	Unit	Description	Superstr.	Abutments	Piers	General
E-2	600	Cu. Yds.	Unclassified Excavation		340	158	
S-1	363	Cu. Yds.	Class "C" Concrete, Superstructure	363			
S-1	150	Cu. Yds.	Class "C" Concrete, Pier Caps & Columns			150	
S-1	183	Cu. Yds.	Class "E" Concrete, Abutments above Footings		183		
S-1	166	Cu. Yds.	Class "E" Concrete, Footings		95	71	
S-4	165118	Lbs.	Reinforcing Steel	103532	15730	45856	
S-7	349400	Lbs.	Structural Steel	349400			
S-8	349400	Lbs.	Field Painting of Structural Steel	349400			
S-14	361	Lin. Ft.	Railing (Aluminum Rail & Supports, Concrete Parapet)	361			
S-29	61	Cu. Yds.	Porous Backfill		61		
S-29	329	Cu. Yds.	Slope Paving (S-29.05 Type)				329
E-2	250	Cu. Yds.	Shale Excavation		150	100	

SEC. C-32 FED. AID PROJ. NO. ACI-1103(21)

PREPARED BY
CAPITOL ENGINEERING ASSOCIATES, DILLSBURG, PA.
FOR
STATE OF OHIO
DEPARTMENT OF HIGHWAYS

GENERAL PLAN-ELEVATION-QUANTITIES
BRIDGE NO. LAK-1-1389
S.R. 1 OVER AUBURN ROAD (SOUTH BRIDGE)
LAKE COUNTY
STA. 380 + 38.95

DESIGNED	DRAWN	TRACED	CHECKED	REVISED	DATE	REVISED
SMK	CEB		AMM			