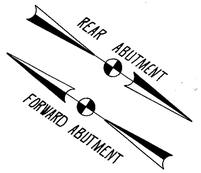
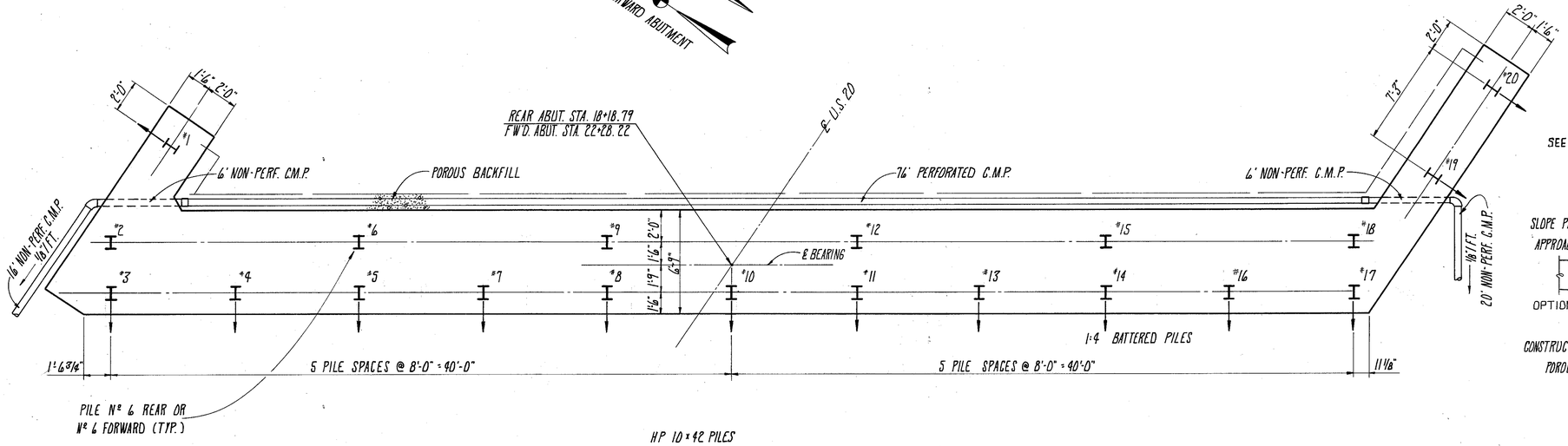
MICROFILMED
JAN 6 1983

FHWA REGION	STATE	PROJECT	
5	OHIO		

66
85

LAKE COUNTY
LAK-20-5.60

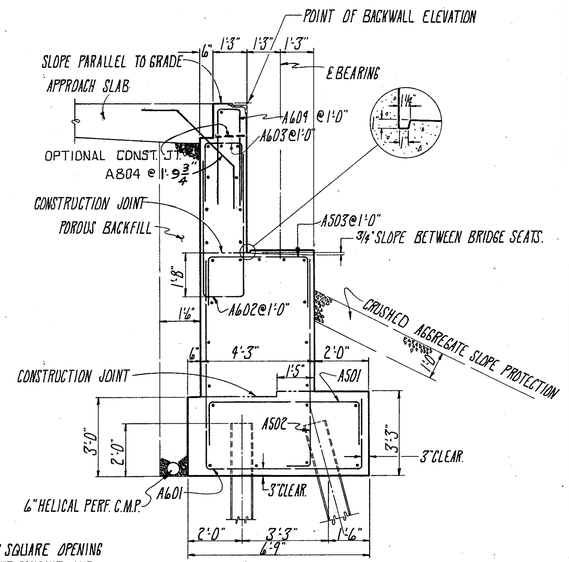




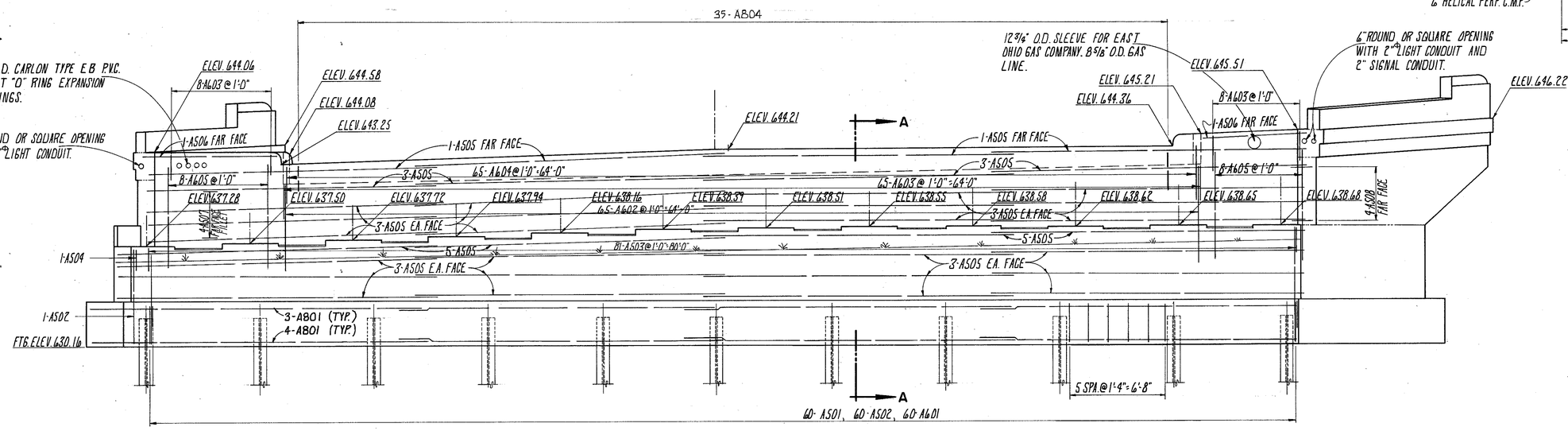
HP 10 x 42 PILES

TYPICAL FOOTING PLAN

SEE SHEET 10 OF 14 FOR END DAM DETAILS



SECTION A-A



ELEVATION FWD. ABUTMENT

NOTES

POROUS BACKFILL : 1.5' THICK, SHALL EXTEND UP TO THE PLANE OF THE SUBGRADE AND LATERALLY TO THE ENDS OF THE WING WALLS.

BRIDGE SEAT : REINFORCING STEEL IN THE VICINITY OF THE BRIDGE SEAT SHALL BE ACCURATELY PLACED TO AVOID INTERFERENCE WITH THE DRILLING OF ANCHOR BAR HOLES.

BACKWALL CONCRETE : IN ADDITION TO THE PROVISIONS OF 511.18, BACKWALL CONCRETE ABOVE THE OPTIONAL CONSTRUCTION JOINT AT THE APPROACH SLAB SEAT SHALL NOT BE PLACED UNTIL AFTER THE DECK CONCRETE IN THE SPAN ADJACENT TO THE ABUTMENT HAS BEEN PLACED.

FRANKLIN CONSULTANTS INC. 5 / 14
Consulting Engineers
COLUMBUS, OHIO

FORWARD ABUTMENT and TYPICAL FOOTING PLAN

CITY OF WILLOUGHBY
CHAGRIN RIVER BRIDGE

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
HM	B.B.	B.B.	F.A.	JF	5/19-77	

BRUNING 44-560-30845