

MICROFILMED  
JUL 9 1966

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		335 384

LAKE COUNTY  
SEC. LAK-2-14.22

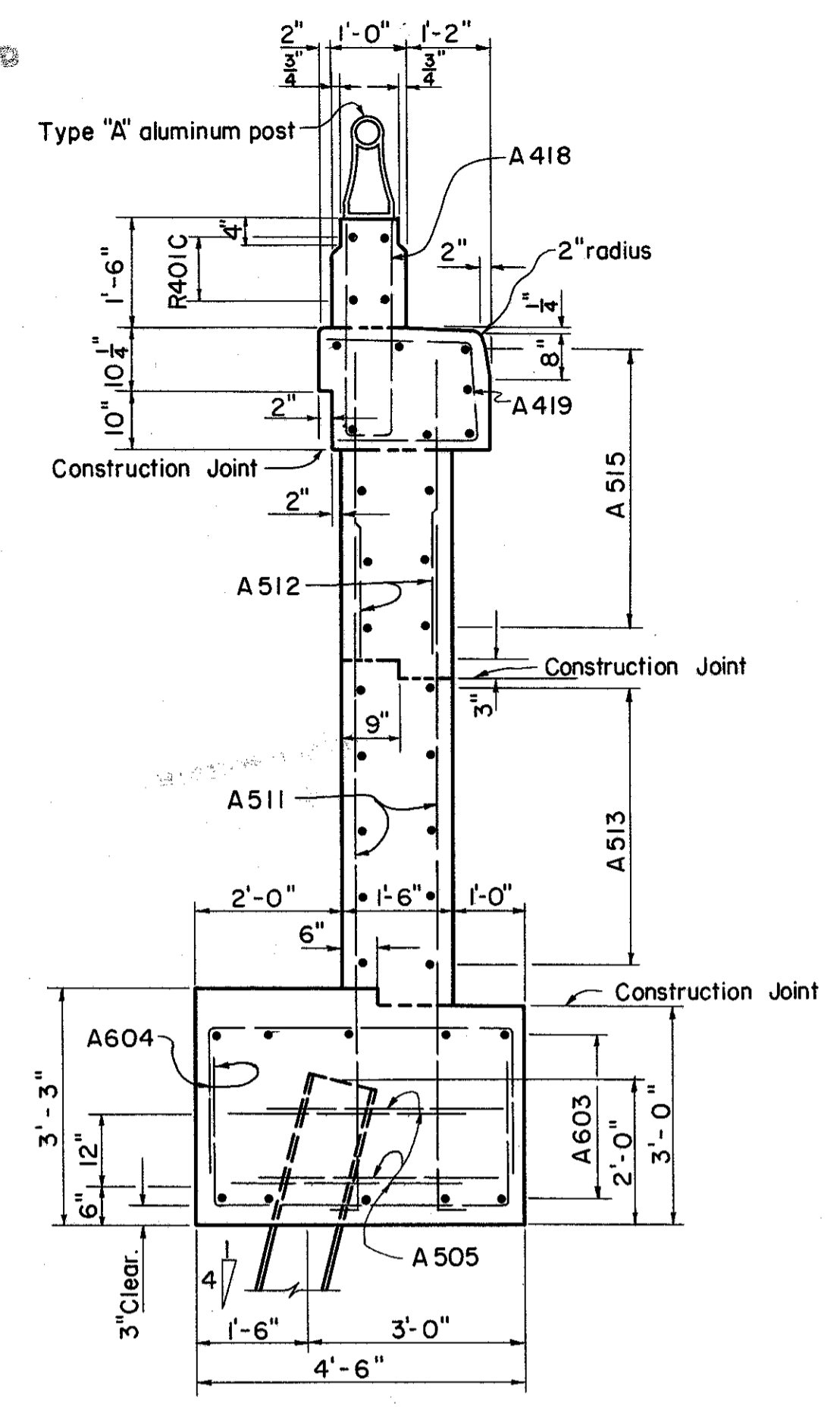
NOTES

EXCAVATION quantity includes the removal of fill material between the surface of proposed embankment and the bottom of footings.

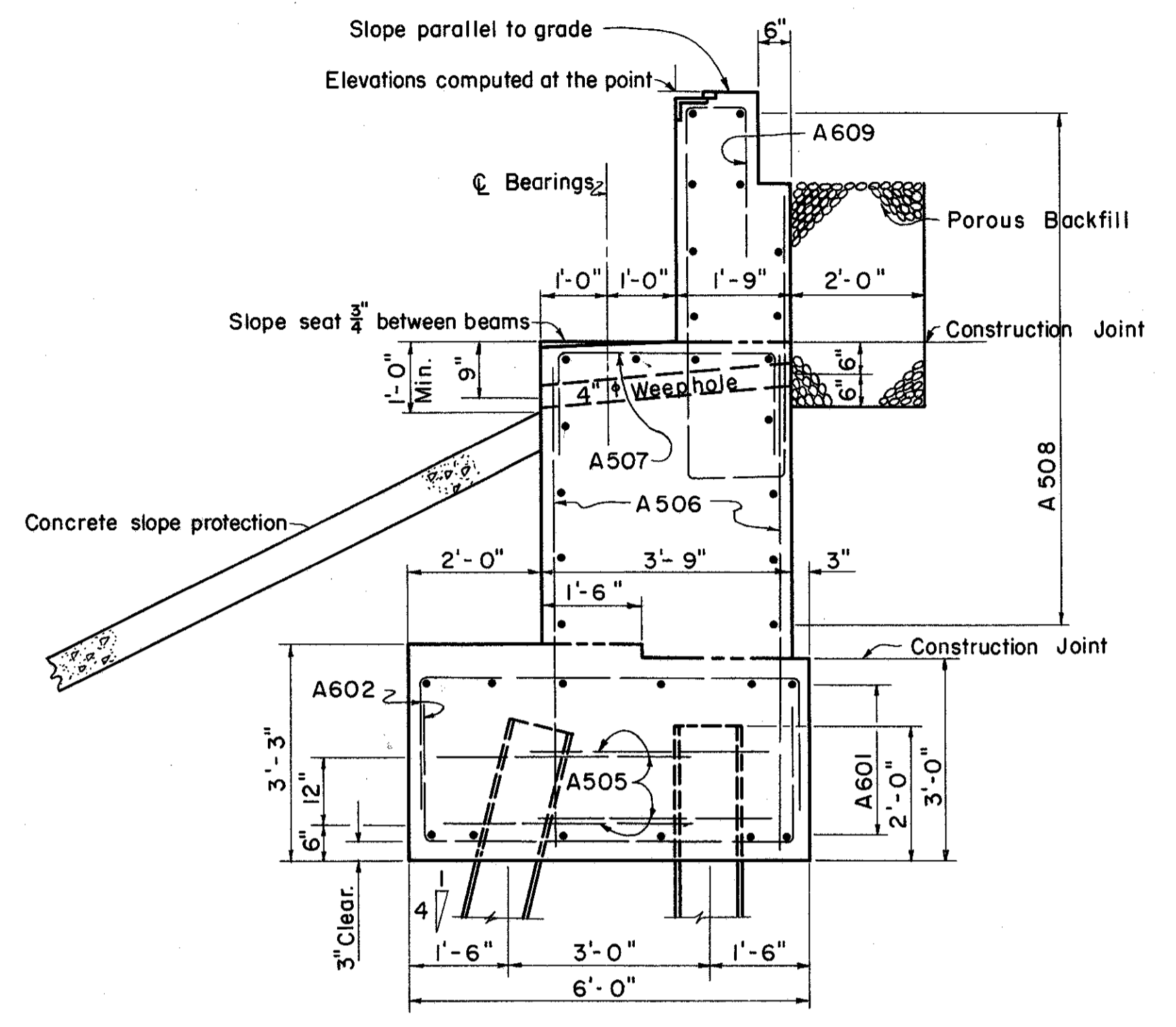
All abutment concrete shall be Class "E" except for the railing parapet which shall be Class "C" and will be paid for in item S-14.

PROCEDURE: The embankment shall be placed and compacted up to the finished spill thru slope and to the level of the subgrade for a distance of 200 feet back of the abutments, after which excavation shall be made for the abutments.

POROUS BACKFILL, 2 foot thick, full length of the abutment shall extend up to the underside of the approach slab or to the finished ground surface. Excavation therefore, in excess of that required for the construction of the abutment, shall be considered as paid for in the bid price per cu. yd. paid for porous backfill.

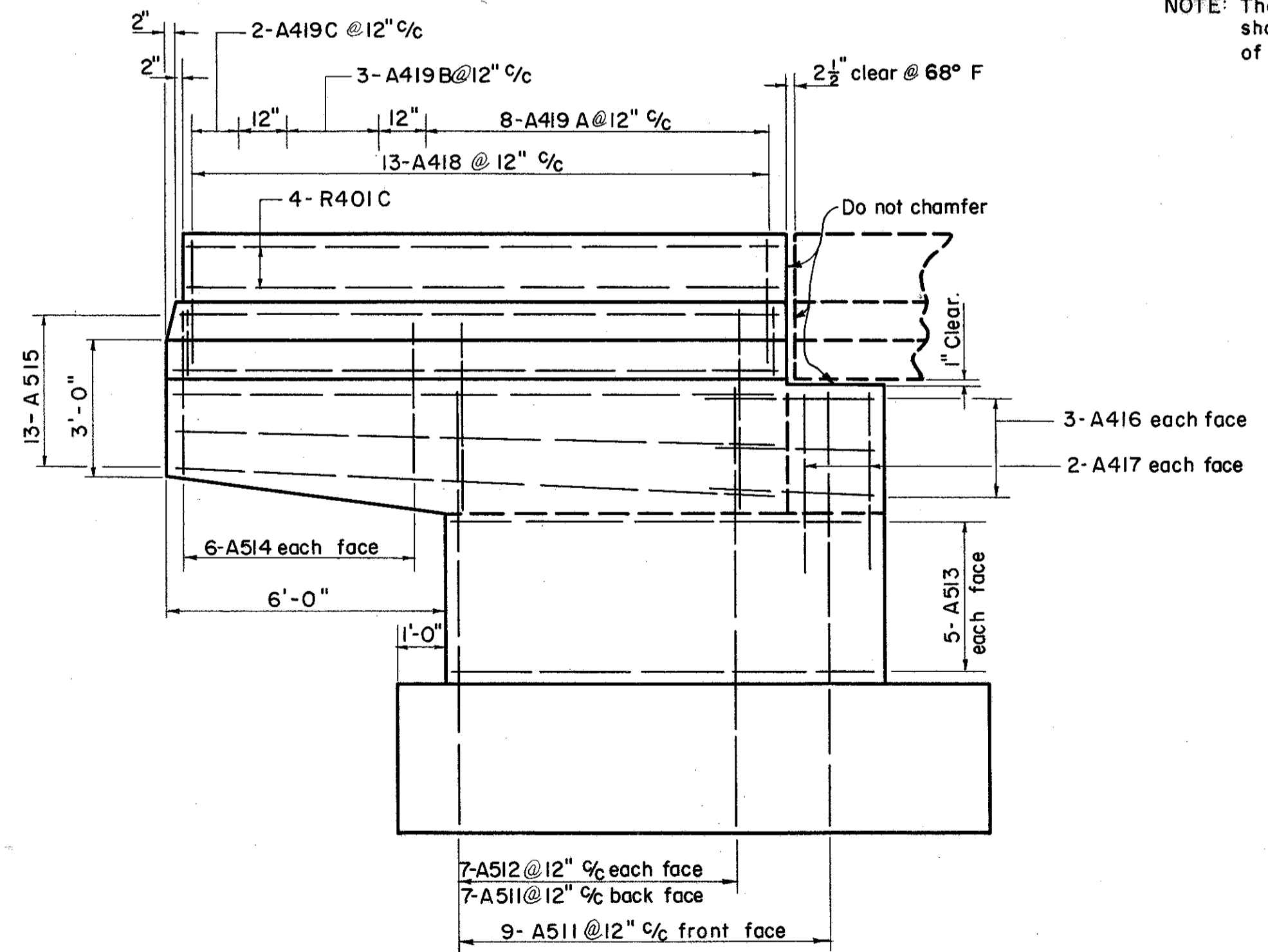


TYPICAL WING SECTION

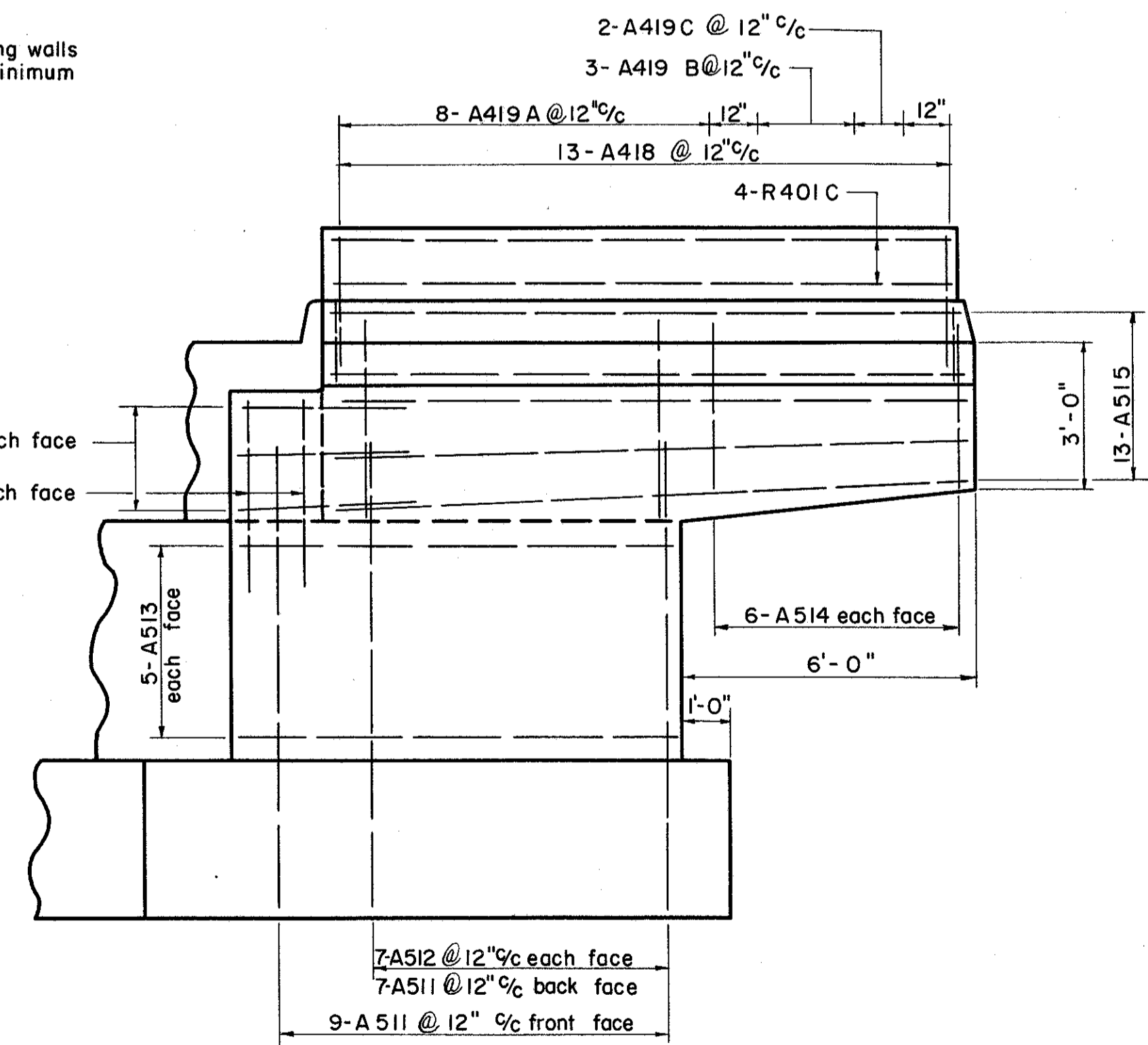


TYPICAL ABUTMENT SECTION

NOTE: The railing tube on the wing walls shall be continuous for a minimum of two panel lengths.



WING ELEVATION A-A



WING ELEVATION B-B

PREPARED BY  
CAPITOL ENGINEERING ASSOCIATES, DILLSBURG, PA.  
FOR

STATE OF OHIO  
DEPARTMENT OF HIGHWAYS  
DIVISION OF DESIGN AND CONSTRUCTION  
BUREAU OF BRIDGES

ABUTMENT DETAILS  
BRIDGE NO. LAK-2-1541 L & R  
RELOC. S. R. 2 OVER ST. CLAIR STREET  
LAKE COUNTY

STA. 714 + 41.90

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
JLN	JLN	JLN				