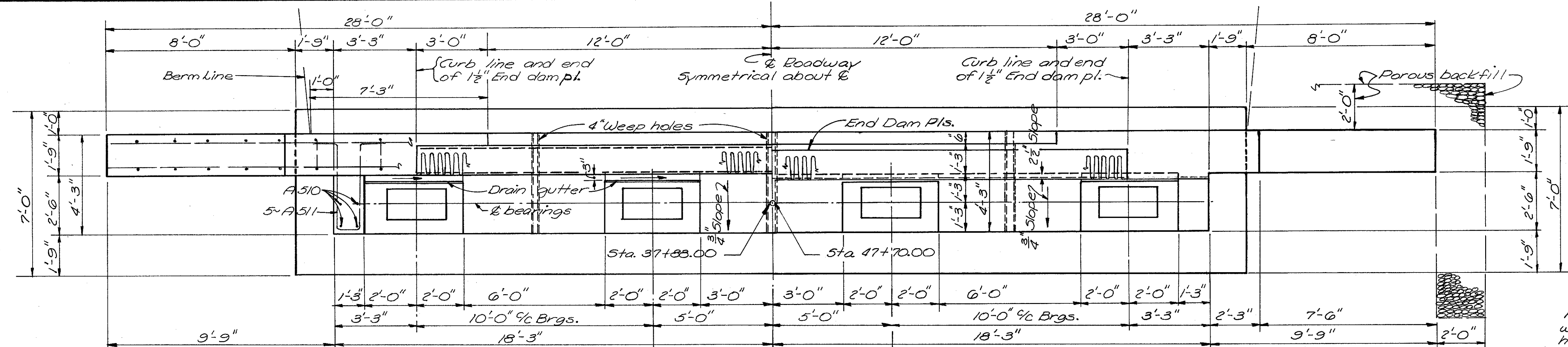
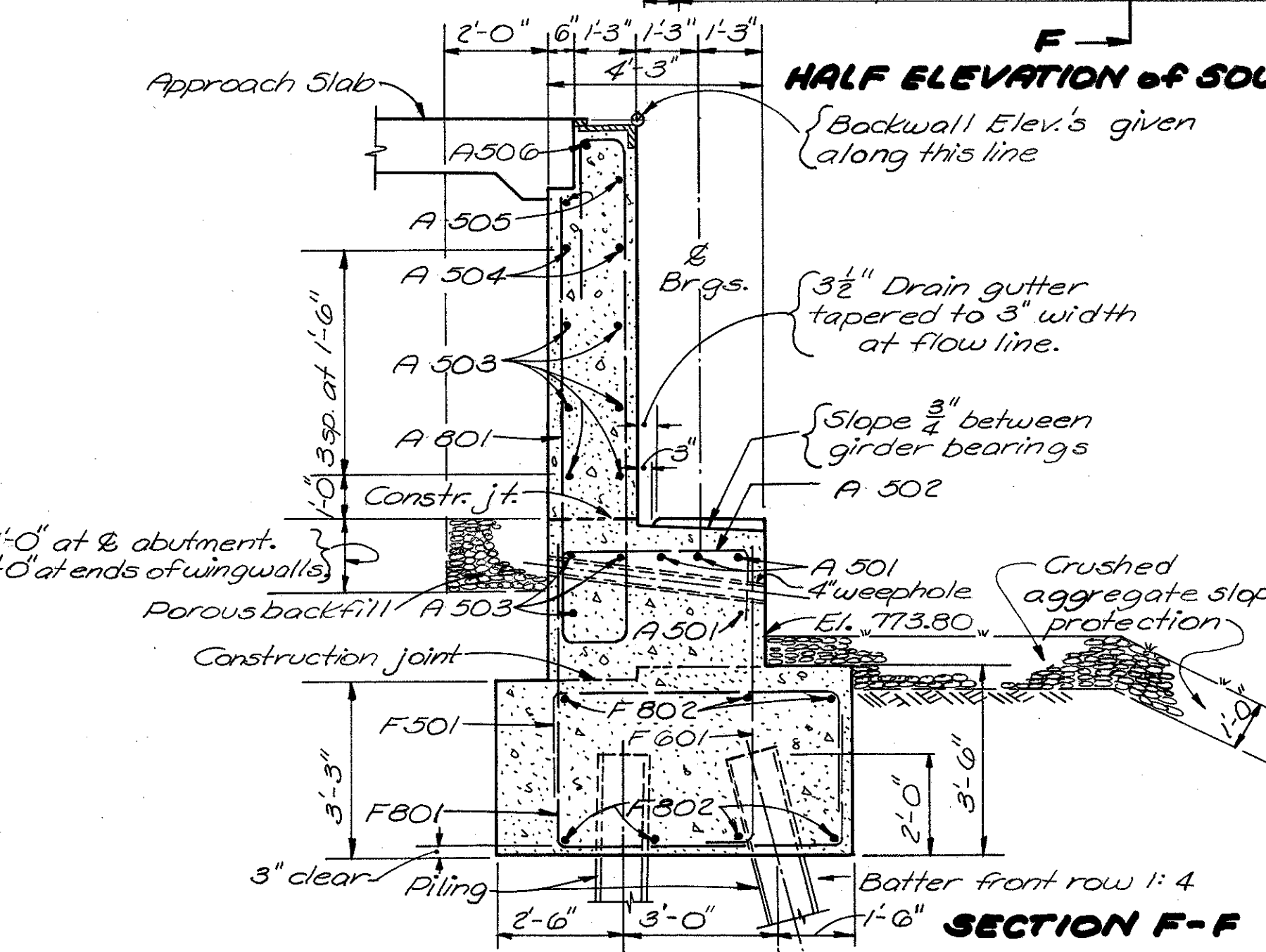
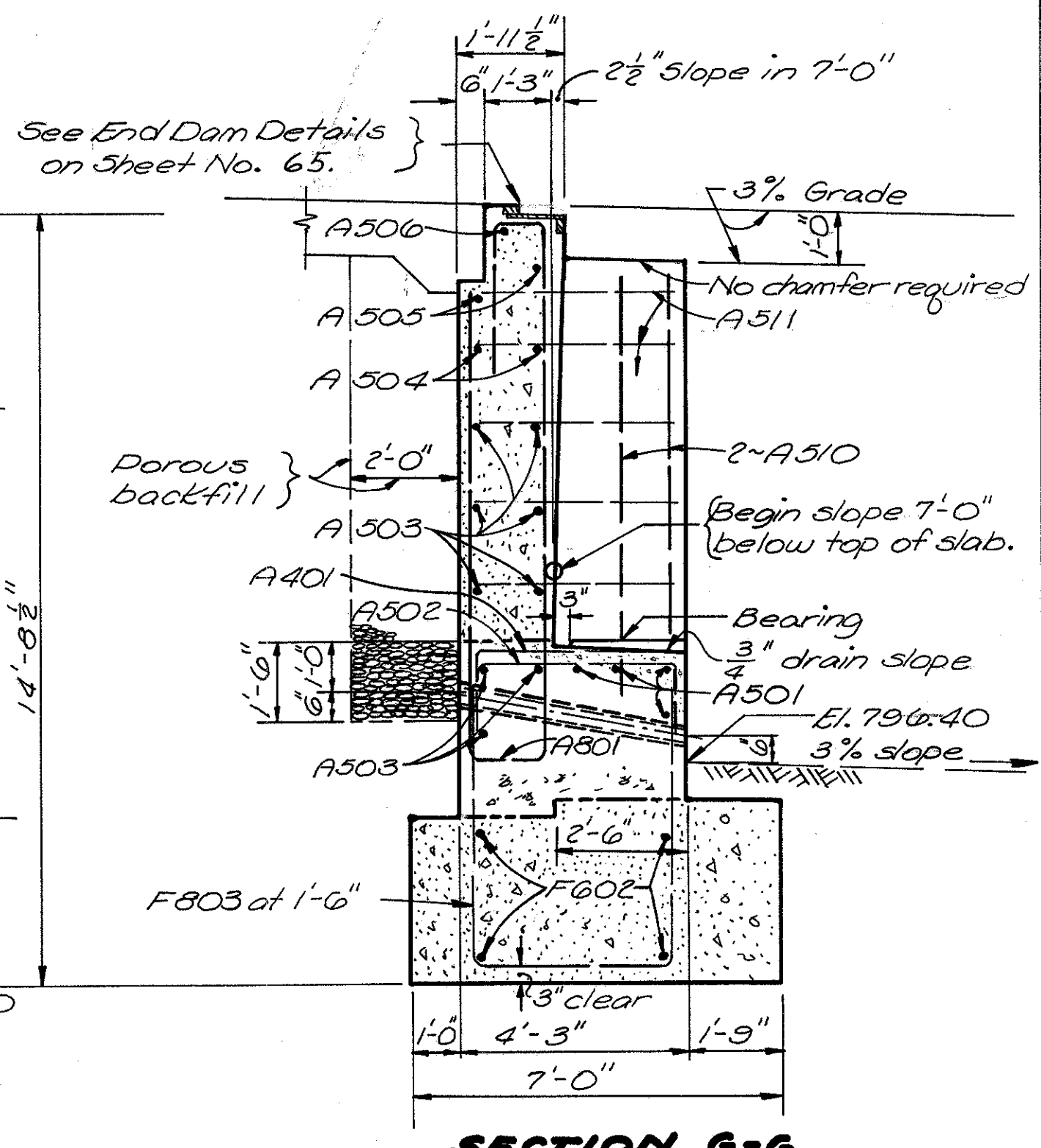
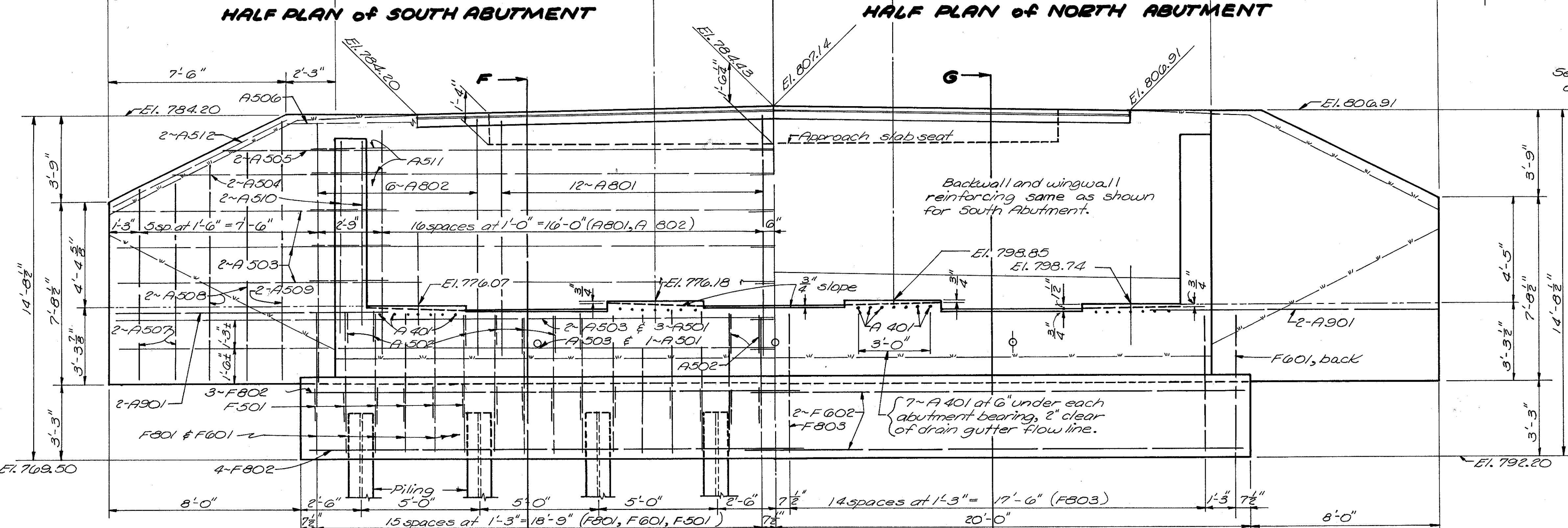


LAK-528-1.24



NOTE: Special care shall be used in placing reinforcing steel in the bridge seat so that it will not interfere with drilling of anchor bolt holes.



PROCEDURE NOTES - SOUTH ABUTMENT:

Embankment shall be placed and compacted up to the finished spill-through slope and to the level of the subgrade for a distance of 75 feet back of the abutment, after which excavation shall be made for the abutment and for the earth bench, and piles driven.

Porous Backfill shall extend upward to the approach slab and to the surface of the earth shoulders, and outward to the surface of the embankment slopes. Excavation therefor, in excess of that required for construction of the abutments, shall be considered as paid for in the bid price per cu. yd. paid for porous backfill.

Excavation Quantity includes the removal of fill material required for construction of the south abutment and the removal of fill material above the level of the earth bench.

PROCEDURE NOTES - NORTH ABUTMENT:

Porous Backfill shall extend upward to the approach slab and to the surface of earth shoulders, outward to 2'-0" beyond wingwalls and forward to the surface of the embankment slopes as shown on plan. Excavation therefor, in excess of that required for construction of the abutment, shall be considered as paid for in the bid price per cu. yd. paid for porous backfill.

Excavation Quantity for the north abutment in addition to that outlined in Sec. E-2.09, includes the removal of material bounded by the proposed bench, by the front vertical plane described in Sec. E-2.09 and by the finished slopes of the cut.

GENERAL Abutment Note:

Excavation: In the event that the quality of the shale at footing elevation at north abutment is questionable, this condition shall be reported to the Central Office of the Highway Department before the footing concrete is poured.

STATE OF OHIO DEPARTMENT OF HIGHWAYS DIVISION OF DESIGN AND CONSTRUCTION BUREAU OF BRIDGES						
ABUTMENTS						
BRIDGE No. LAK-528-0192 over GRAND RIVER						
LAKE COUNTY					STA. 37+85.50 TO 47+72.50	
DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
KED	KED	M.	K.H.	R.S.	9/17/46	