MICROFILMED
MAR 30 1989

FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

247
313

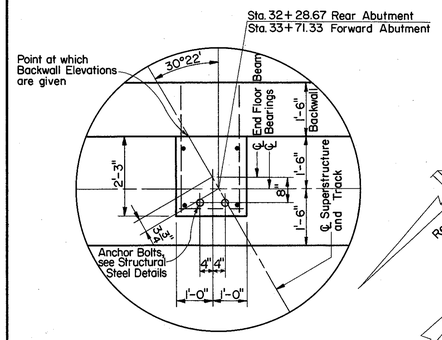
LAKE COUNTY
LAK-2-16.49

POROUS BACKFILL shall extend upward to the bottom of ballast and to the surface of the subgrade, and outward to the surface of the embankment slopes.

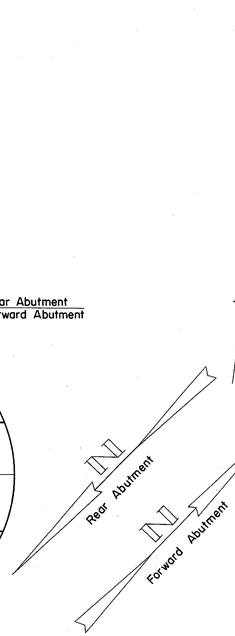
BRIDGE SEAT REINFORCING: Special care shall be taken in placing reinforcing steel in the vicinity of the bridge seat so as to avoid interference with the drilling of anchor bolt holes.

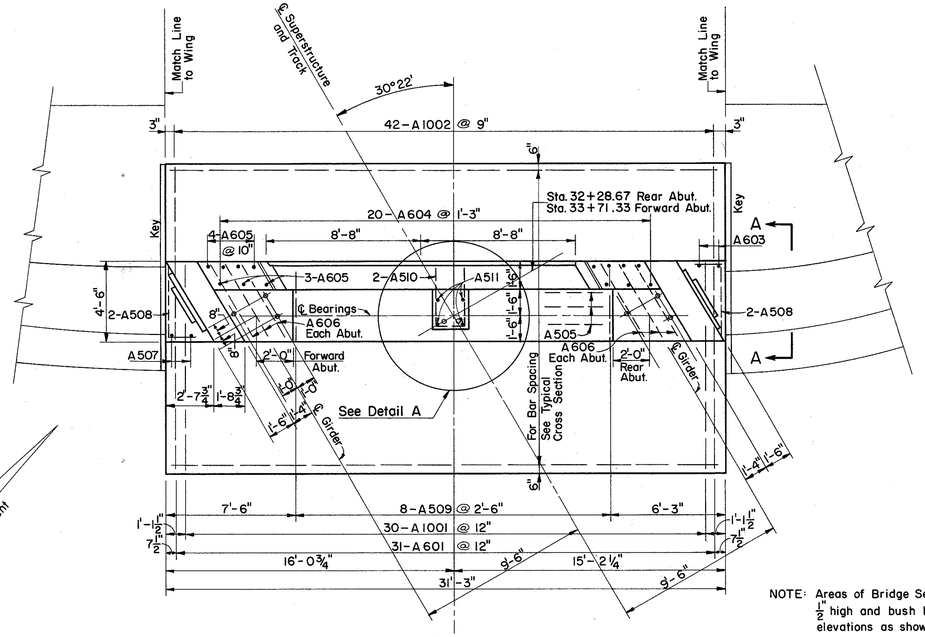
Keyway in footing shall be poured against undisturbed ground.

REINFORCEMENT: 2" cover unless otherwise shown.



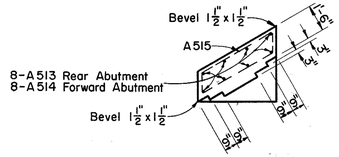
DETAIL A



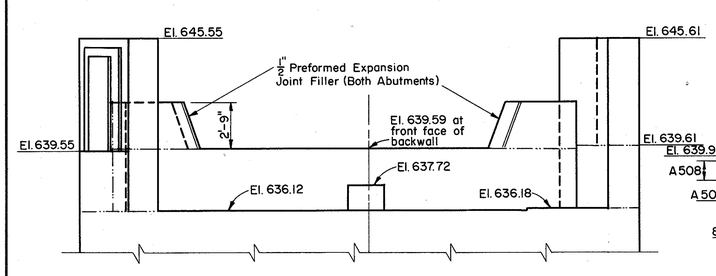


PLAN
(Abutments similar except as noted)

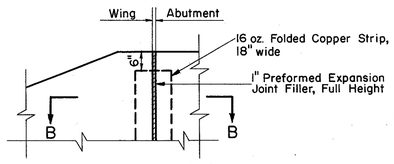
NOTE: Areas of Bridge Seats to be poured ½" high and bush hammered to exact elevations as shown.



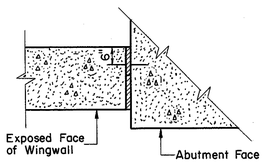
SECTION D-D



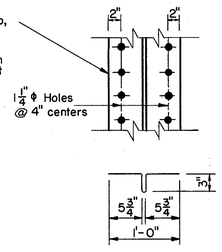
PART ELEVATION - FORWARD ABUTMENT



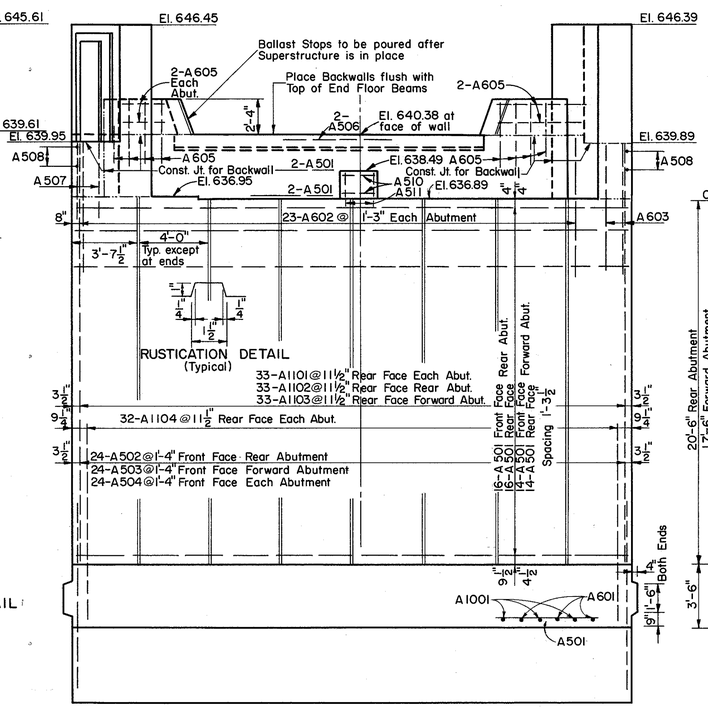
WINGWALL JOINT



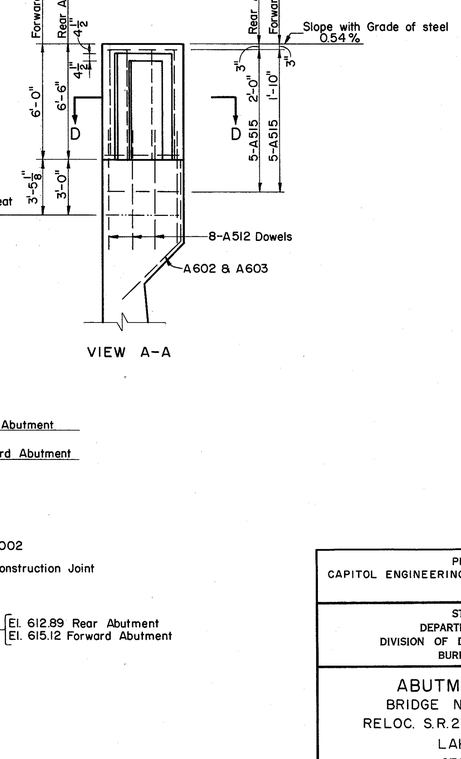
SECTION B-B



FOLDED COPPER STRIP DETAIL
(Included in the price of 1" Premoulded Expansion Joint)



ELEVATION - REAR ABUTMENT



TYPICAL CROSS SECTION

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-2-1721
RELOC. S.R.2 UNDER F P & E R. R.
LAKE COUNTY
STA. 808+46.23

DESIGNED	DRAWN	TRACED	CHECKED	REVISED	DATE	REVISED
B.O.L.	B.O.L.	E.L.M.	L.L.D.			