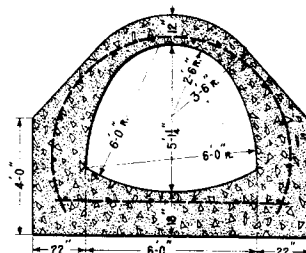
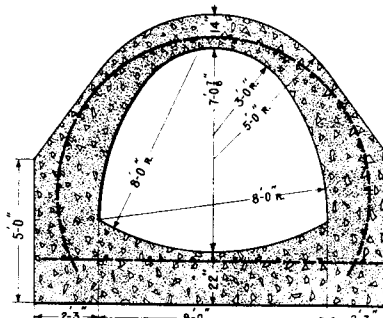


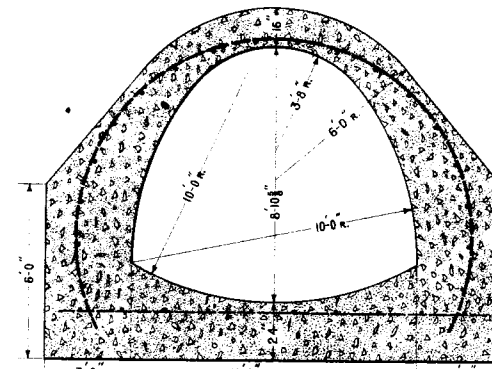
SECTION OF 4 FT. CULVERT



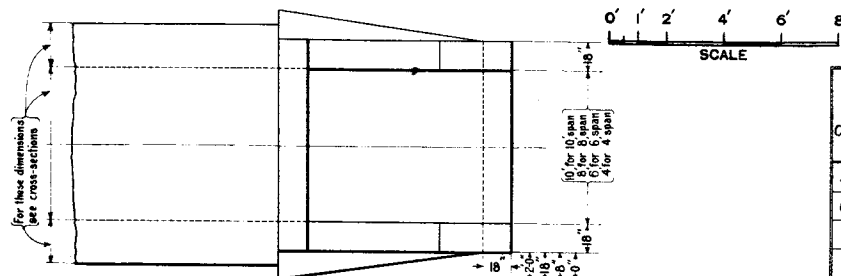
SECTION OF 6 FT. CULVERT



SECTION OF 8 FT. CULVERT



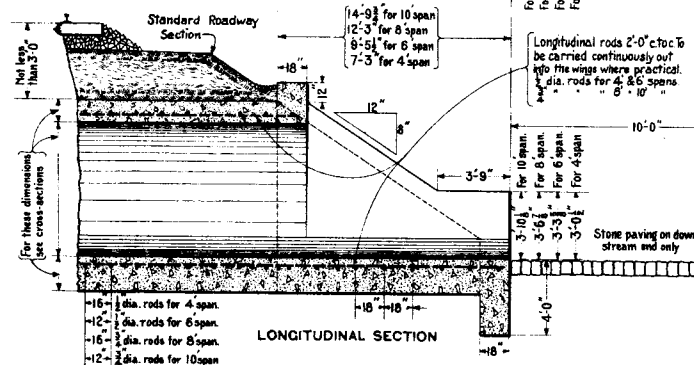
SECTION OF 10 FT. CULVERT



PLAN

Length of barrel of culvert determined by local conditions

Wings to be straight and portal normal to barrel of arch where possible



LONGITUDINAL SECTION

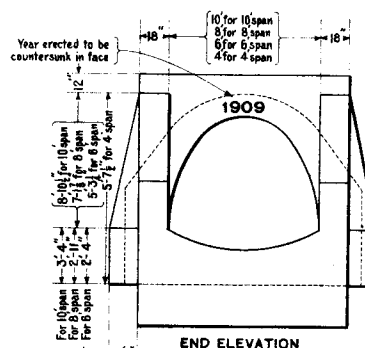


SIZE OF CULVERT	AREA OF OPENING SQ. FT.	CONCRETE VOLUME		REINFORCING RODS WEIGHT	
		PER LINFT. OF BARREL CU. YDS.	WINGS OF PORTALS ETC. CU. YDS.	PER LINFT. OF BARREL LBS.	WINGS PORTALS ETC. LBS.
4 Foot	10.75	0.8	14.5	16	125
6 Foot	23.5	1.4	26.5	25	200
8 Foot	43.5	2.3	48.0	68	750
10 Foot	67.5	3.4	77.5	98	975

NOTE:

Proportions of cement, sand and stone to be in accordance with P. R. R. specifications.

When this type of structure is to be used a detail tracing showing plan, elevations and sections of culverts, including a situation plan, must be prepared, in accordance with instructions governing the preparation of masonry plans, and forwarded to the office of the Engineer M. W. for approval.



END ELEVATION

DRAWN BY *ad*
CHECKED BY *ad*

Correct

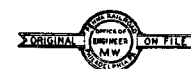
L. R. R.
ENGINEER M. W.

Approved

J. J. Richards
CHIEF ENGINEER M. W.

Approved

H. C. H.
GENERAL MANAGER



61915-B

P. R. R. STANDARD

CONCRETE ARCH CULVERTS

4', 6', 8' & 10' SPAN

NOVEMBER, 1909.

REVISED:
DEC. 1913
DEC. 1917.