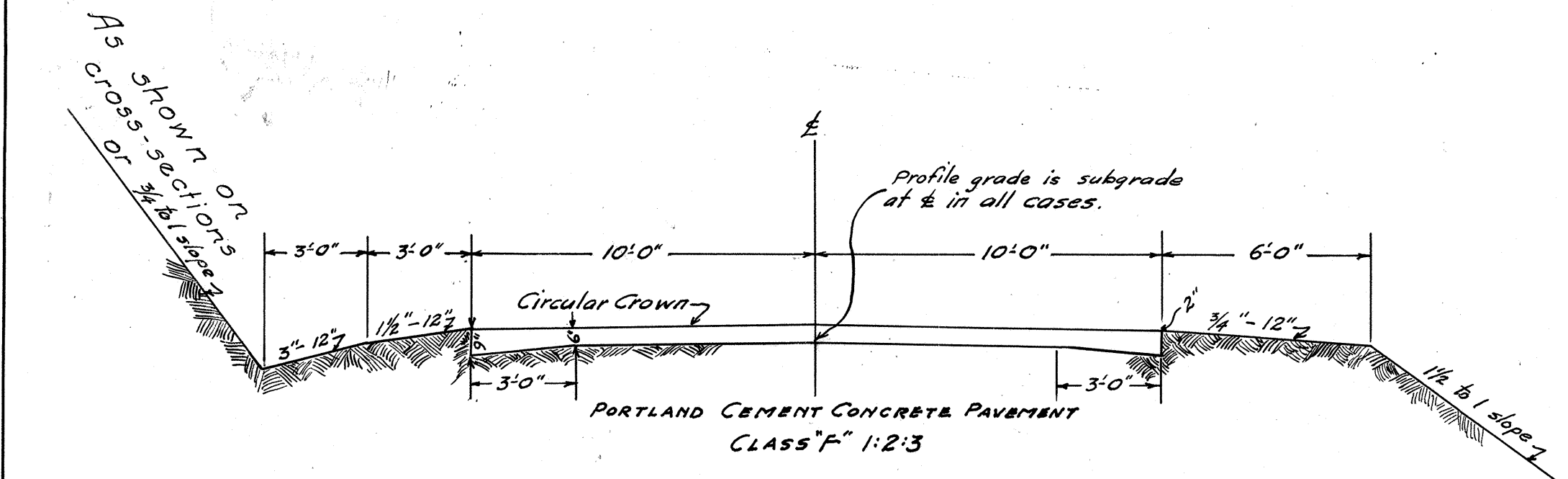
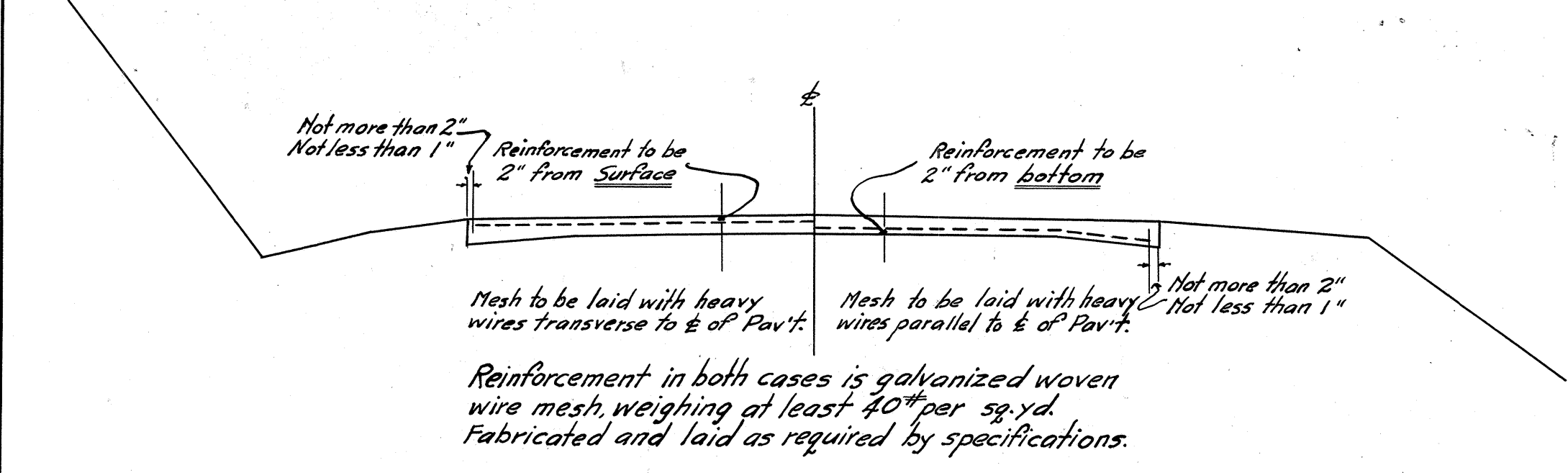
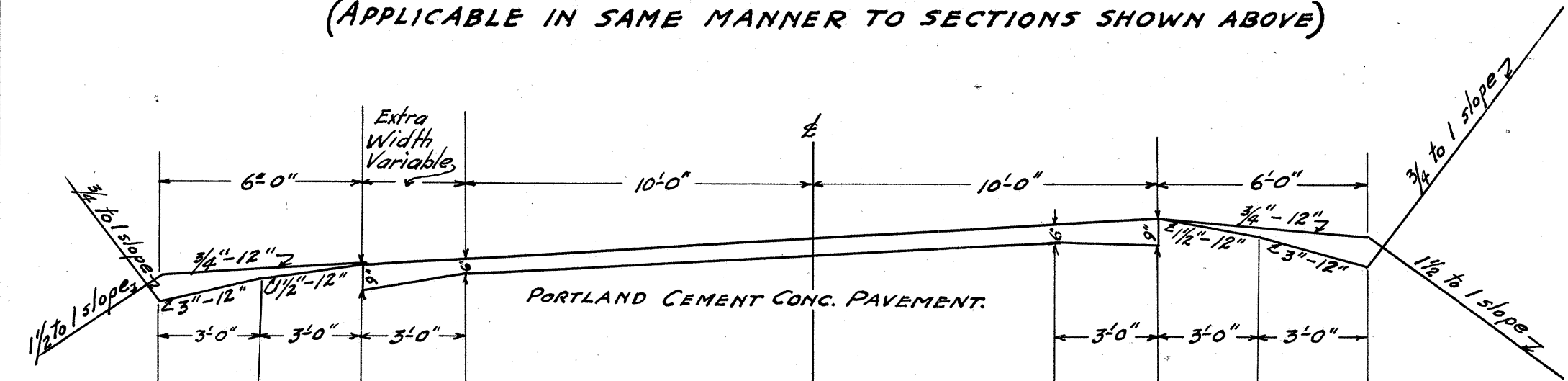




TYPICAL SECTION ON TANGENTS
APPLICABLE TO
REINFORCED AND UNREINFORCED
PORTLAND CEMENT CONCRETE PAVEMENT

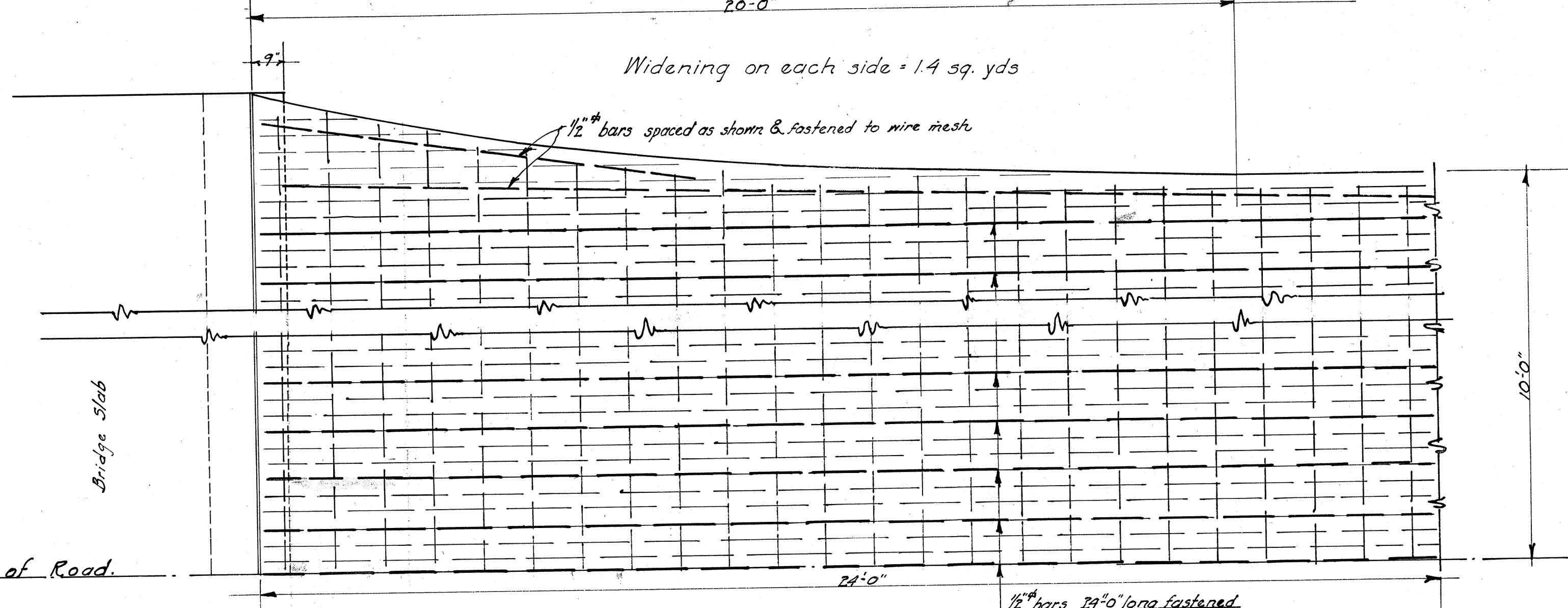
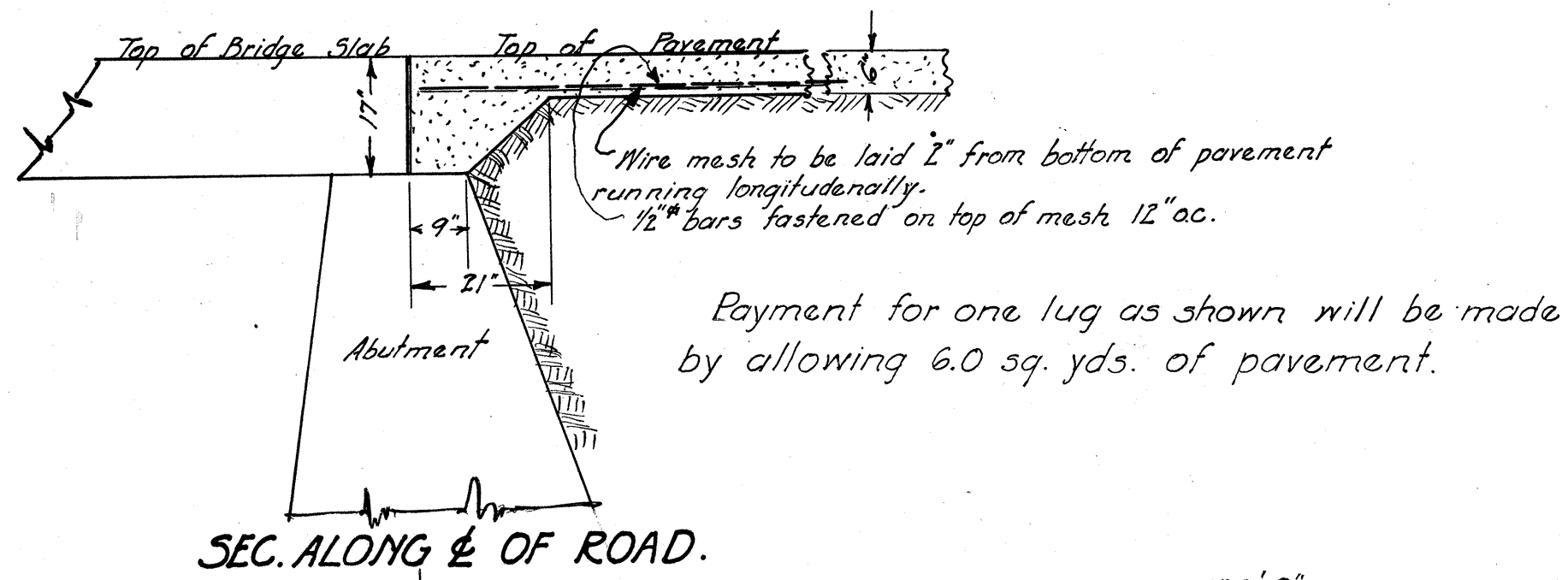


REINFORCED AT TOP REINFORCED AT BOTTOM
STANDARD DETAILS OF PAVEMENT REINFORCEMENT
(APPLICABLE IN SAME MANNER TO SECTIONS SHOWN ABOVE)



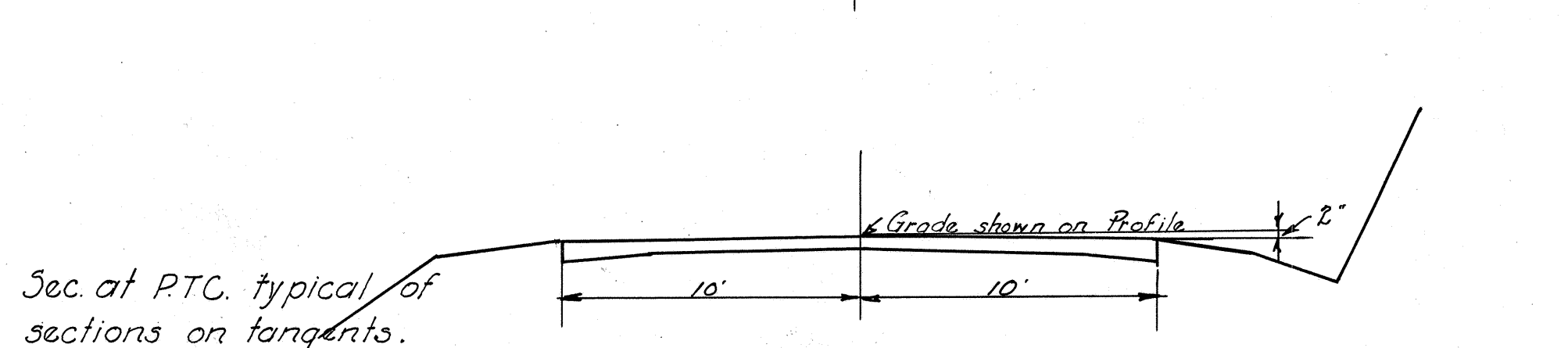
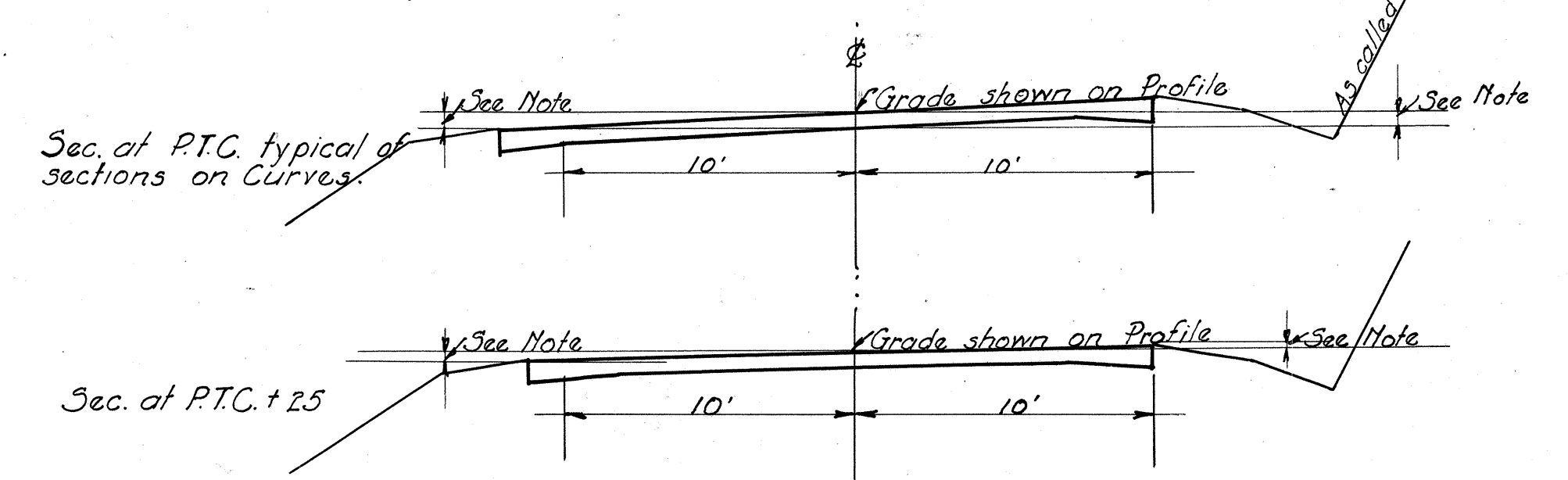
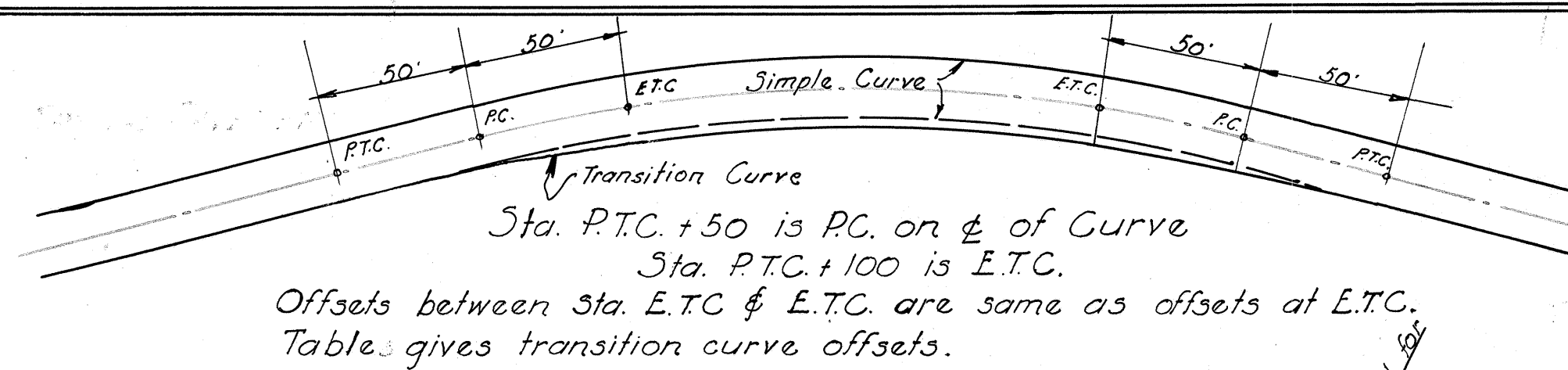
TYPICAL SECTION ON CURVES- WITH WIDENING & SUPERELEVATION
APPLICABLE TO
REINFORCED AND UNREINFORCED
PORTLAND CEMENT CONCRETE PAVEMENT
SCALE: 1/4" = 1 Foot.

NOTE:- The pavement on this project shall be unreinforced unless reinforcement, top or bottom is shown on the plans or ordered by the Engineer.



~ Note ~
1/2" bars required for one approach = 427.0 lbs.

SPECIAL PAVEMENT REINFORCING & WIDENING AT BRIDGE APPROACHES.



Note : Between P.T.C. and P.C. elevation of outside edge of pavement at a uniform rate from 2" below elevation of ± at P.T.C. to amount of elevation per foot times 10 above ± at P.C. Also elevation of a point on the pavement 10'-0" from ± toward the inside edge changes at a uniform rate from 2" below elevation at ± at P.T.C. to amount of elevation per foot times 10 below elevation of ± at P.C.

Radius of Curve	EXTRA WIDENING										SUPERELEVATION		ADDITIONAL AREA FOR WIDENING ON CURVES		
	OFFSETS TO BE ADDED TO HALF WIDTH OF PAVEMENT TO LOCATE INSIDE EDGE FROM P.T.C. TO E.T.C.										THE ELEVATION PER FOOT WIDTH OF PAVEMENT IS AS FOLLOWS.		A = (L-100)W + C		
	Perpendicular Offset from Tangent P.T.C. +					Radial Offset from Curve P.T.C. +							R	W	C
Over 1500'	10'	20'	25'	30'	40'	50'	60'	70'	80'	90'	100'	0.00	530'		
1500'												0.020	500'	2.00	207.4
1000'												0.020	450'		
900'												0.025	400'		
800'												0.030	350'	3.00	311.0
700'												0.040	300'	3.50	368.8
650'												0.045	250'	4.00	414.2
600'												0.050	200'	5.00	518.6
550'												0.055			
500'	03	25	38	49	77	108	138	163	173	181	193	2.00			
450'												0.055			
400'												0.055			
350'	05	37	56	74	116	163	207	243	257	270	290	3.00			
300'	06	44	66	97	133	190	241	283	300	313	338	3.50			
250'	07	50	75	99	155	216	275	323	343	361	386	4.00			
200'	08	62	94	124	194	271	344	406	429	451	483	5.00			
												0.070			

DEPARTMENT OF PUBLIC WORKS.
TERRITORIAL HIGHWAY DEPARTMENT.
TERRITORY OF HAWAII.
WIDENING AND SUPERELEVATION
OF PAVEMENTS ON CURVES.