WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
BRIDGE & STRUCTURES BRANCH

Project ..... Sheet No. ..... of ..... sheets

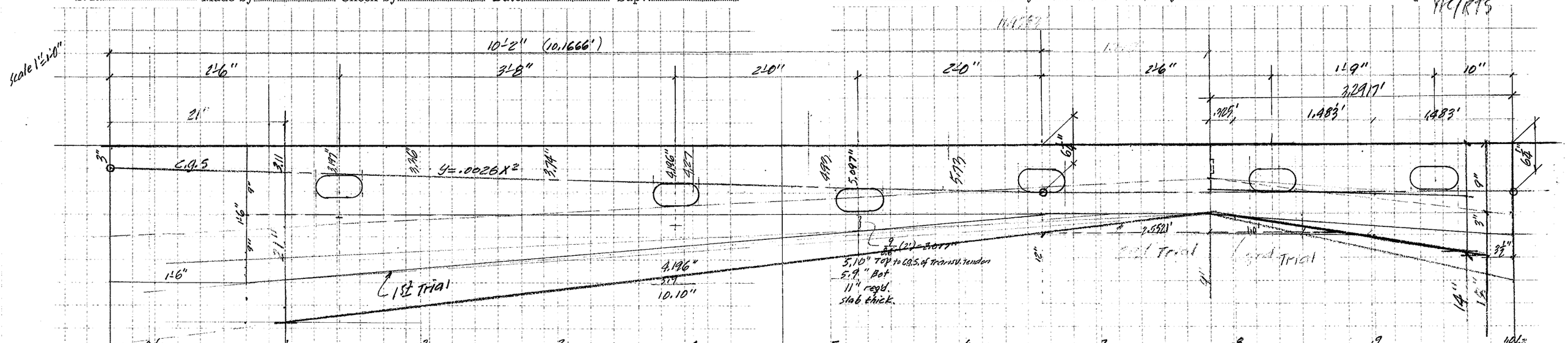
S. R. ..... Made by ..... Check by ..... Date ..... Supv. .....

Bot. 1" clr.
2#5 1.4
Longit duct 3"
Project ½"
5.9"

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
BRIDGE & STRUCTURES BRANCH

Top: clr. 1½"
2#5 2(.7")
Longit duct 3x
Project 26 Transv. Sheet No. ..... of ½" sheets
6.4" (6¼" AWB)

S. R. ..... Made by ..... Check by ..... Date 3/8/71 Supv. YPC/RTS



	0 L2	.1	.2	.3	.4	.5	.6	.7	.8	.9	1.0 L2
t in	19.125	17.585	16.044	14.504	12.964	11.423	9.883	9	9.325	10.808	12.292
I in⁴	6995	5437	4130	3051	2179	1491	965	729	811	1263	1857
e in	6.557	5.679	4.662	3.507	2.214	.782	-.788	-1.75	-1.588	-.846	-.104
pe k'	41.676	36.09	29.632	22.291	14.071	4.971	-5.01	-11.123	-10.090	-5.376	-.662

Note: +e: C.G.S. above N.A. +M: Tension @ Bot. Face P=76.27 k/'

reqd. slab thickness	t_{face}=21"	t=17"	$t_{.5}$=13"	t=11"	t=9"	t=10.8"	N.G. t=9" 10" 12"
							.198 ksi tension top; tension Bot. .205 ksi; tension Bot .038 ksi

reqd shift cgs up

t"	22.567	20.82	19.08	17.336	15.593	13.849	12.105	10.36	9.975	14.425	18.875
I in⁴	11493	9030	6946	5210	3791	2656	1774	1113	993	3002	6725
e"	8.278	7.298	6.183	4.929	3.538	2.00	.344	-1.07	-1.26	.9625	3.188
pe k'	52.62	46.39	39.30	31.33	22.49	12.68	2.06	-6.79	-8.02	6.12	20.26

t	12 *	12 *
I	1728	1728
e	-.25	-.25
pe	-1.59 k'	-1.59 k'

33003182

Face of supp.

t	12.01" *	14" *
I		
e	-.24	.75"
pe	-1.55 k'	4.77 k'

* Final design

DOT Form 232-007 Revised 10/82 Sheet No.