

WIRE ROPE ANCHORS - DATA SHEET

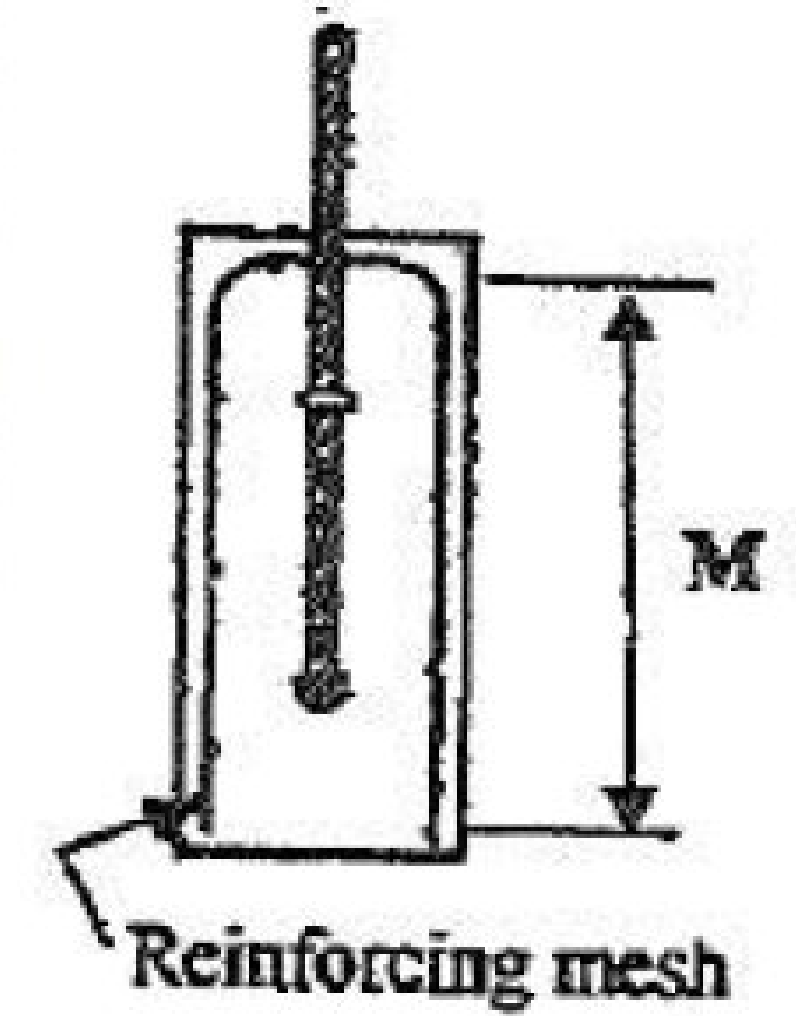
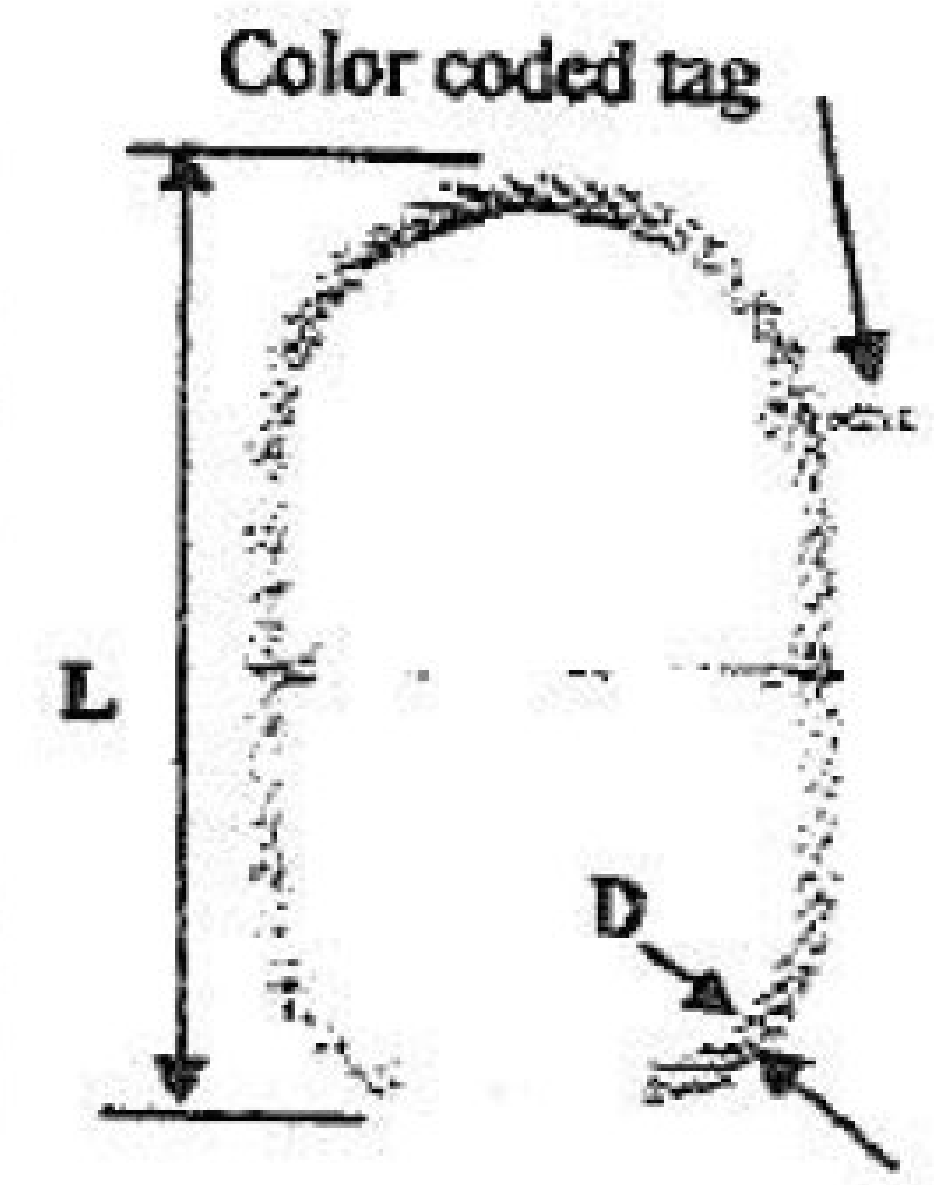
Vermont Agency of Transportation
RECEIVED
 CK'D BY: [unclear] OK'D BY: JO
 March 21, 2017
 RESUBMIT No Approved
 BY: K. Higgins DATE 03/23/17

WRA Series WIRE ROPE ANCHORS

Manufactured from high-quality wire rope, with steel swage.

Dimensions & Load Capacities

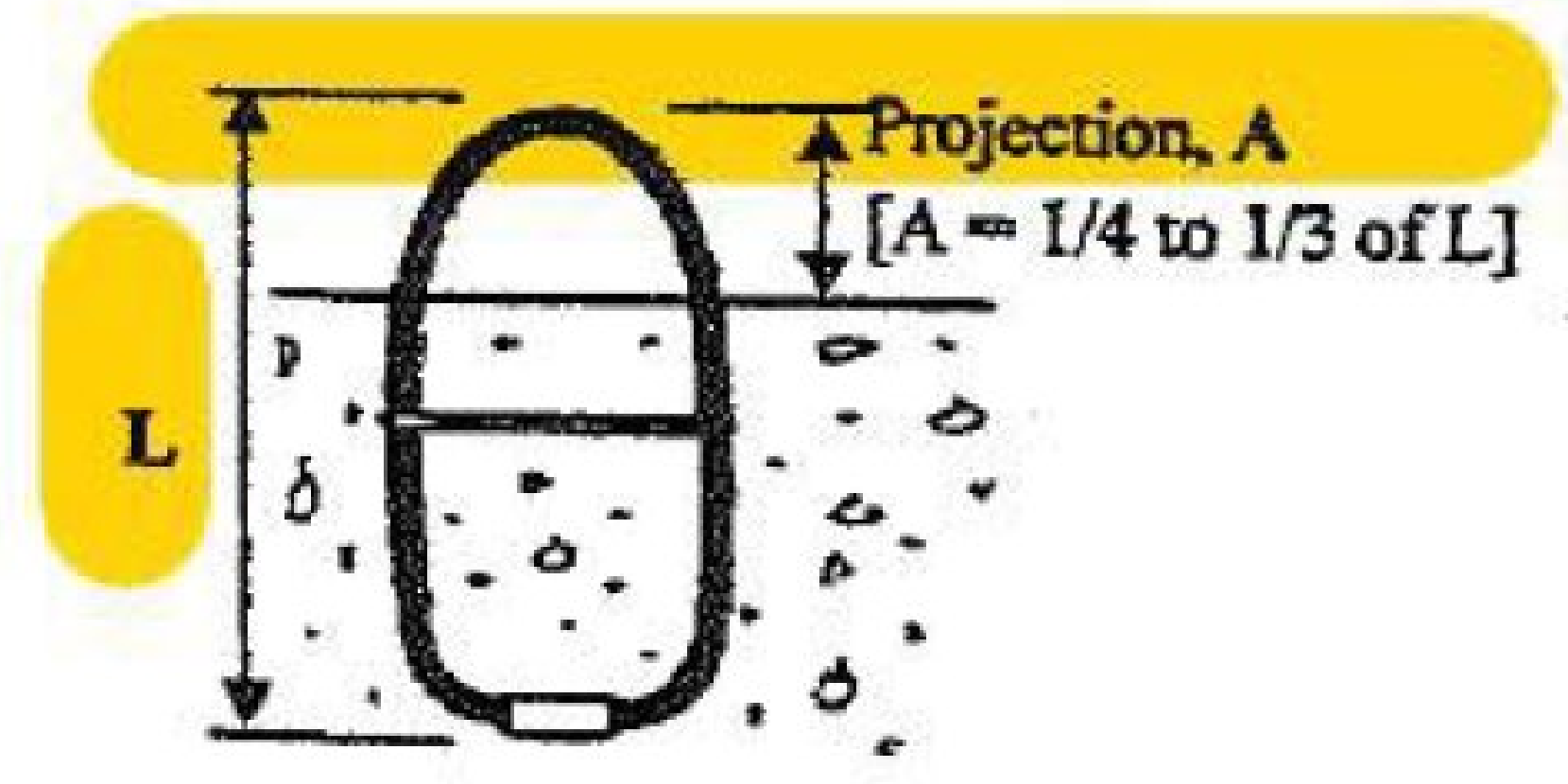
Nominal System Capacity	Anchor Part No.	Color Code	Allowable Capacity T_A [lb]	Loop Length L [in]	Rope Diameter D [in]	Weight 100 pcs [lb]	Min. Reinf. Mesh	
							Depth M [in]	Area [in ² /ft]
0.8 T	WRA 008	White	1,800	8	0.236	18	12	0.062
1.2 T	WRA 012	Red	2,700	9	0.276	26	14	0.062
1.6 T	WRA 016	Pink	3,600	9-3/4	0.315	38	14	0.062
2 T	WRA 020	Lt green	4,500	11-3/4	0.354	60	17	0.089
2.5 T	WRA 025	Dark gray	5,600	12-3/4	0.394	66	20	0.089
3.8 T	WRA 038	Emerald	9,000	14-1/2	0.472	110	22	0.089
5 T	WRA 050	Lt yellow	11,700	15	0.551	181	22	0.089
6.3 T	WRA 063	Lt blue	14,150	16-3/4	0.630	242	24	0.089
8 T	WRA 080	Lt gray	18,000	18-7/8	0.709	353	27	0.104
10 T	WRA 099	Dark purple	22,450	21	0.787	463	31	0.104
12 T	WRA 120	Yellow	28,100	23-1/4	0.866	661	35	0.104
16 T	WRA 160	Lt purple	35,950	26-3/8	1.024	1,036	39	0.104
18 T	WRA 180	Yellow-grn	44,950	29-1/2	1.102	1,300	45	0.178
25 T	WRA 250	Lt brown	56,200	33-1/2	1.260	1,850	51	0.178



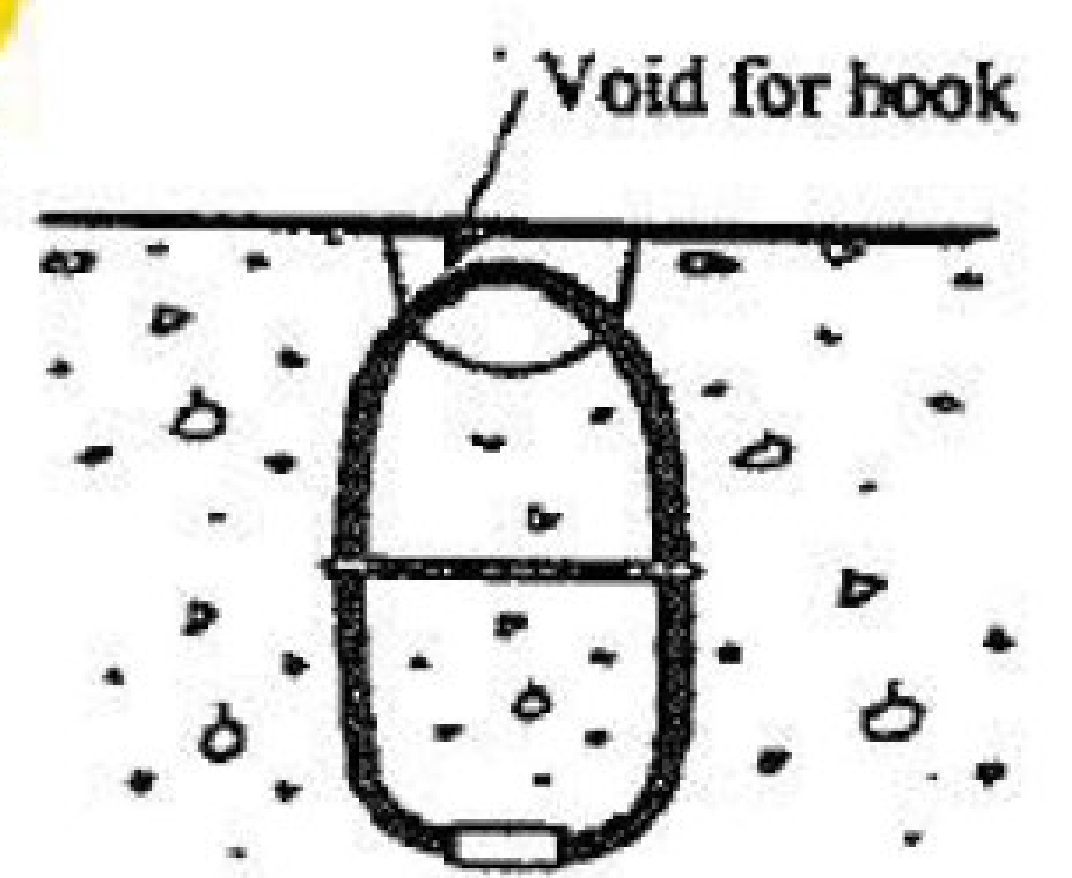
NOTE: Allowable Tension Capacity is based on a Safety Factor of 4:1 against wire rope breakage
 Allowable Tension Capacity is based on use in 2,200 psi normal weight concrete.
 No additional strength increase can be gained in higher strength concrete.
 Additional sizes available with capacities up to 220,000 lb [110 tons].

INSTALLATION METHODS

PROJECTED INSTALLATION
 No extra reinforcement required
 See following page.



RECESSED INSTALLATION
 No extra reinforcement required
 See following page.



PROJECTED INSTALLATION WITH REINFORCEMENT

