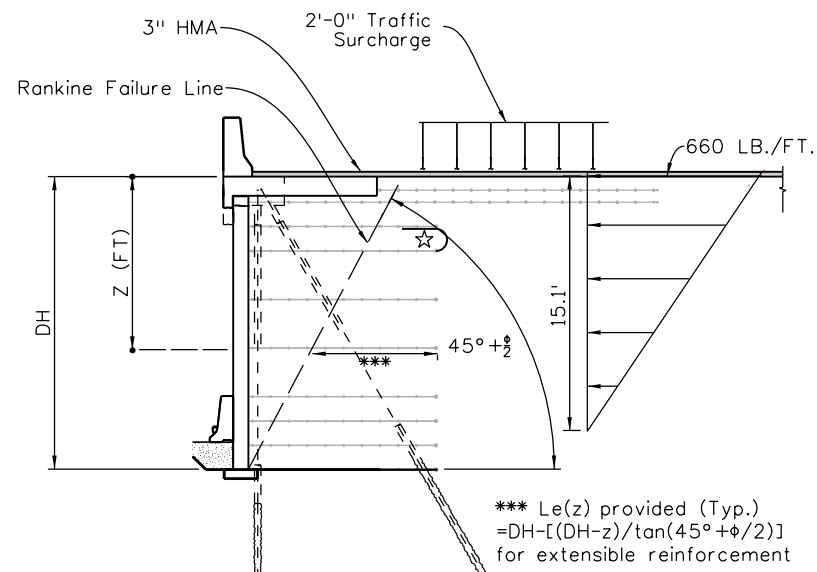


(This sheet must be accompanied with B-504-A1 or A2 or A3 or D1 or D2 or D3)

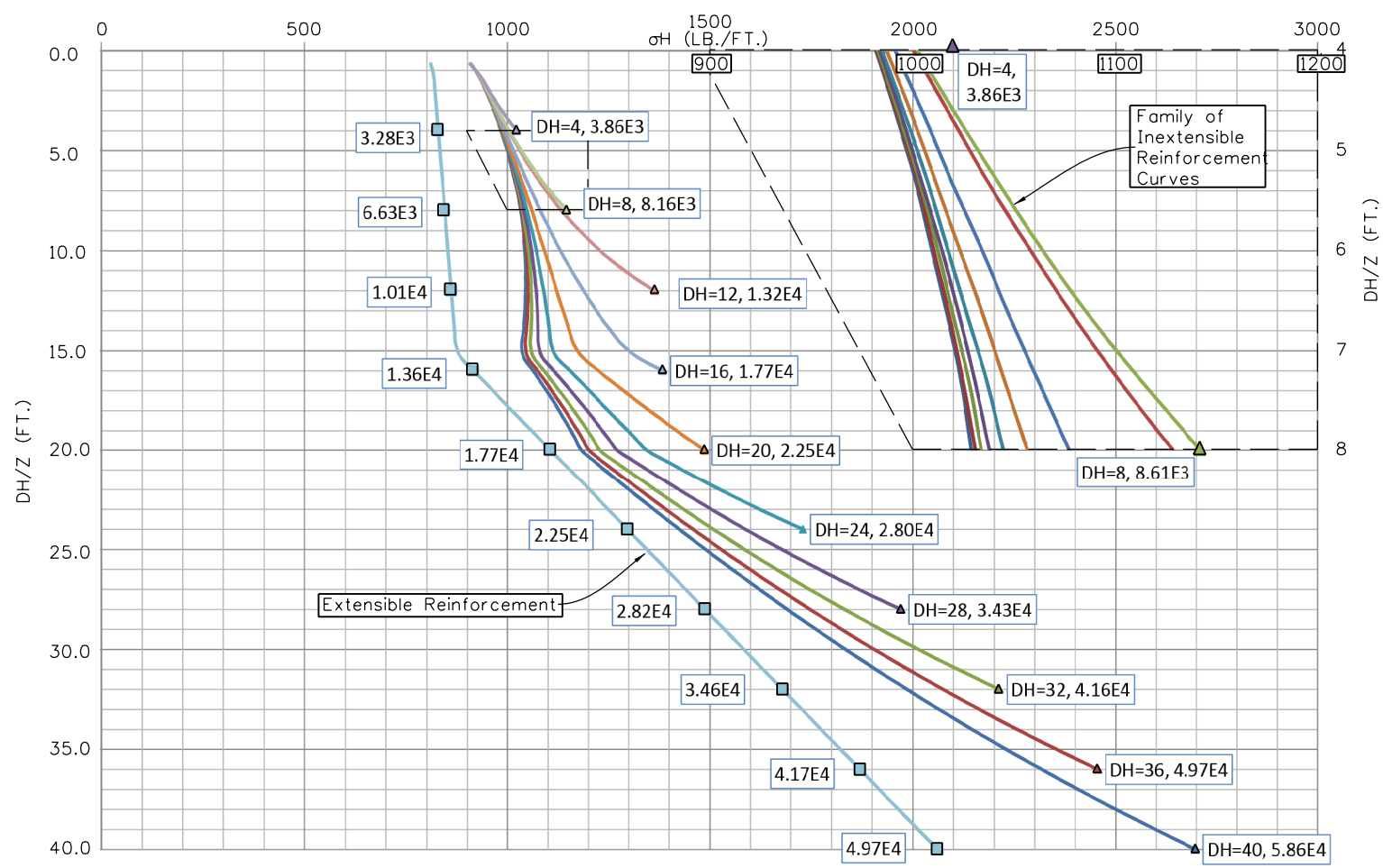
Note to Designer:
Refer to Bridge Design Manual (BDM) for Design Criteria and Examples

DH or Z (FT.)	* SPACING (IN.)	σH (LB./FT.)	** Σσh x spacing (LB./FT.)	*** Le (FT.)
0.667	12	810.385	540.257	12.61
1.333	12	817.645	1.09E+03	7.558
2.000	NA	820.312	1.63E+03	NA
2.667	16	822.978	2.18E+03	5.789
3.333	NA	825.644	2.73E+03	NA
4.000	24	828.311	3.28E+03	6.116
4.667	NA	830.977	3.84E+03	NA
5.333	NA	833.644	4.39E+03	NA
6.000	NA	836.31	4.95E+03	NA
6.667	32	838.976	5.51E+03	5.160
7.333	NA	841.643	6.07E+03	NA
8.000	NA	844.309	6.63E+03	NA
8.667	NA	846.975	7.20E+03	NA
9.333	32	849.642	7.77E+03	3.800
10.000	NA	852.308	8.33E+03	NA
10.667	NA	854.974	8.90E+03	NA
11.333	NA	857.641	9.48E+03	NA
12.000	28	860.307	1.01E+04	2.645
12.667	NA	862.973	1.06E+04	NA
13.333	NA	865.64	1.12E+04	NA
14.000	24	8.68E+02	1.18E+04	1.971
14.667	NA	8.71E+02	1.24E+04	NA
15.333	NA	8.84E+02	1.30E+04	NA
16.000	24	9.16E+02	1.36E+04	1.826
16.667	NA	9.47E+02	1.42E+04	NA
17.333	NA	9.79E+02	1.48E+04	NA
18.000	24	1.01E+03	1.55E+04	1.797
18.667	NA	1.04E+03	1.62E+04	NA
19.333	NA	1.08E+03	1.69E+04	NA
20.000	24	1.11E+03	1.77E+04	1.775
20.667	NA	1.14E+03	1.84E+04	NA
21.333	NA	1.17E+03	1.92E+04	NA
22.000	24	1.20E+03	2.00E+04	1.756
22.667	NA	1.23E+03	2.08E+04	NA
23.333	NA	1.27E+03	2.17E+04	NA
24.000	24	1.30E+03	2.25E+04	1.740
24.667	NA	1.33E+03	2.34E+04	NA
25.333	NA	1.36E+03	2.43E+04	NA
26.000	24	1.39E+03	2.53E+04	1.727
26.667	NA	1.43E+03	2.62E+04	NA
27.333	NA	1.46E+03	2.72E+04	NA
28.000	20	1.49E+03	2.82E+04	1.429
28.667	NA	1.52E+03	2.92E+04	NA
29.333	16	1.55E+03	3.02E+04	1.139
30.000	NA	1.58E+03	3.13E+04	NA
30.667	16	1.62E+03	3.24E+04	1.135
31.333	NA	1.65E+03	3.35E+04	NA
32.000	16	1.68E+03	3.46E+04	1.131
32.667	NA	1.71E+03	3.57E+04	NA
33.333	16	1.74E+03	3.69E+04	1.128
34.000	NA	1.77E+03	3.81E+04	NA
34.667	16	1.81E+03	3.93E+04	1.124
35.333	NA	1.84E+03	4.05E+04	NA
36.000	12	1.87E+03	4.17E+04	0.841
36.667	8	1.90E+03	4.30E+04	0.560
37.333	8	1.93E+03	4.43E+04	0.559
38.000	8	1.97E+03	4.56E+04	0.559
38.667	8	2.00E+03	4.69E+04	0.558
39.333	8	2.03E+03	4.83E+04	0.557
40.000	4	2.06E+03	4.97E+04	0.278

Note: Table is for both extensible and inextensible soil reinforcement.
 * Example spacing
 ** Summation of σH above Z includes rail impact.
 *** Le based on extensible, 0.8xLe for inextensible. Le of top two layers are not developed, layers used for avoiding roadway tension cracks.
 ☆ Example looped geotextile layer for meeting pullout.



APPLICATION DIAGRAM (DH=16' AS SHOWN)



Revision Dates (Preliminary Stage Only)		Quantities	
09-16		INITIAL	DATE
		Checked By	Checked By
		INITIAL	DATE
		Checked By	Checked By
		INITIAL	DATE
		Checked By	Checked By
		INITIAL	DATE
		Checked By	Checked By
		INITIAL	DATE
		Checked By	Checked By

Print Date: 9/6/2016	Sheet Revisions			Colorado Department of Transportation 4201 East Arkansas Avenue Room 107 Denver, CO 80222 Phone: 303-757-9309 FAX: 303-757-9197	As Constructed	LRFD MSE WALL FOR BLOCK AND PANEL FACING RAIL ANCHOR SLAB DESIGN CHARTS/TABLE			Project No./Code
File Name: Sheet_B-504-H1.dgn	Date:	Comments	Init.		No Revisions:	Designer: XXXXXXXX	Structure Numbers	Wall-X-XX-XX	Project Number
Horiz. Scale: As Noted				Revised:	Detailer: XXXXXXXX		Wall-X-XX-XX	Code	
Staff Bridge Branch-Unit OXXX				Void:	Sheet Subset: Wall	Subset Sheets: WXX of XXX		Sheet Number	