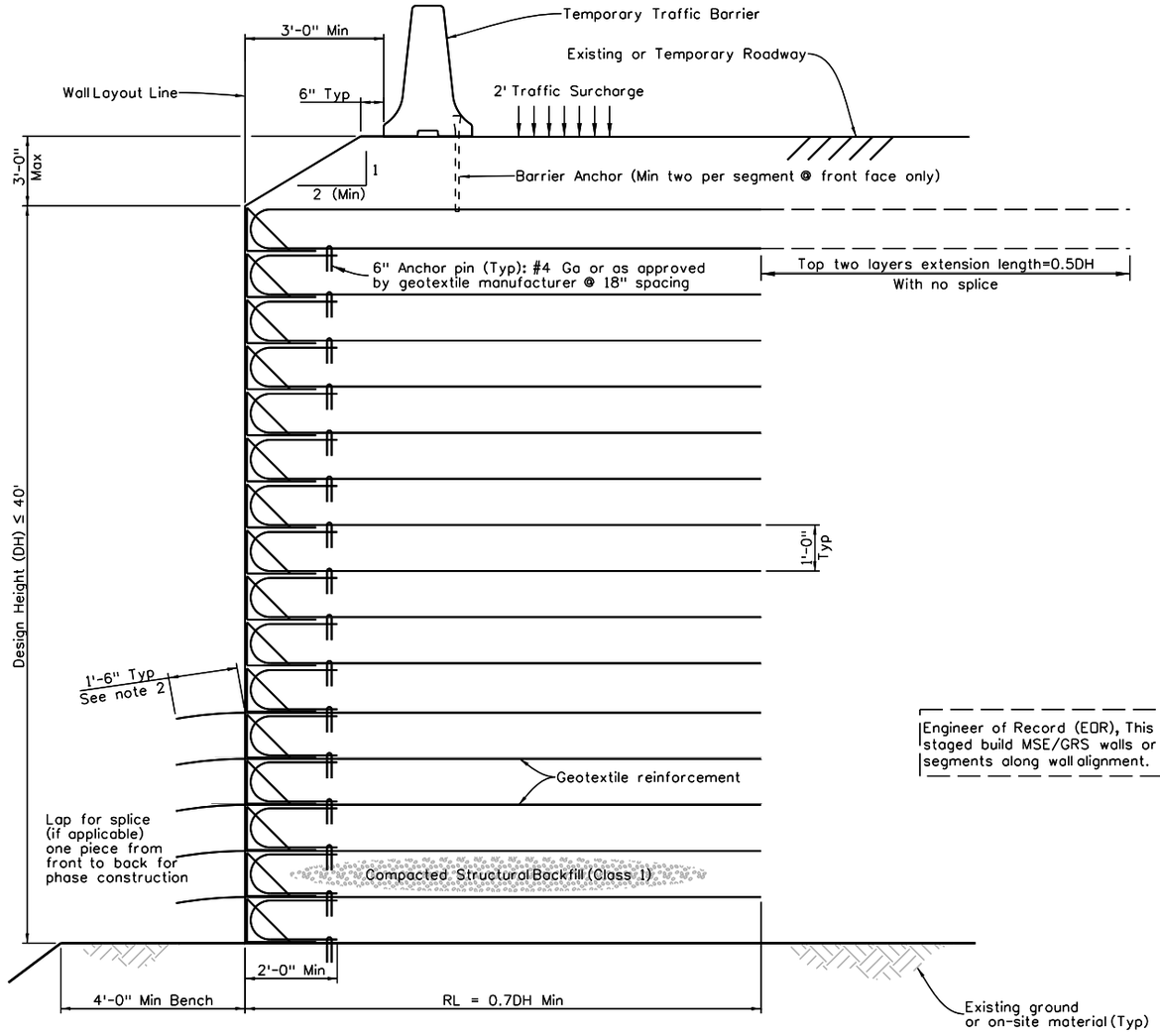
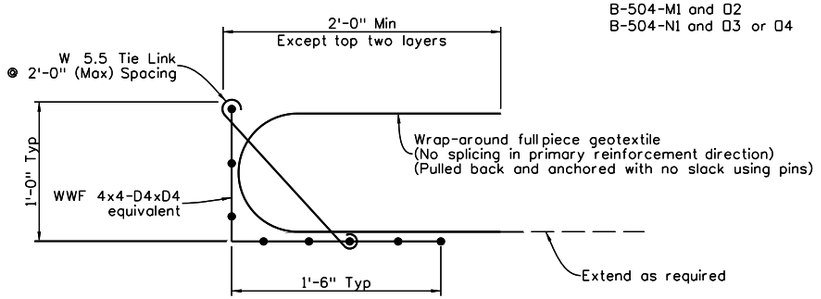
B-504-T1

This sheet must be accompanied by
B-504-L1 and 01
B-504-M1 and 02
B-504-N1 and 03 or 04



SECTION VIEW

Engineer of Record (EOR), This sheet is for staged build MSE/GRS walls or abutment in segments along wall alignment.



WIRE BASKET DETAIL

NOTES:

1. Geotextile reinforcement shall be biaxial woven geotextile fabric with minimum average roll value of 4800 Lb/Ft based on ASTM D4595.
2. Reinforcement length (RL) is equal to a mimimum of 0.7 design height (DH).
3. To avoid a weakened plane the 18" minimum lap, where applicable, is for splicing with adjacent reinforcing.
4. For the extended use of temporary wall more than 18 months, wire basket may be treated epoxy and faced with a minimum of 3" shotcrete as approved by the engineer.
5. Temporary wall may be paid as Item 206 shoring (Lump Sum) for staged build wall or as Alteration of Embankment.
6. To avoid roadway pavement tension cracks, the topmost two layers of soil reinforcement shall be extended an additional 0.5DH in length.
7. Bearing capacity shall be checked and addressed in the Geotechnical Report.
8. The top 18" of existing ground or on-site material shall be compacted to a density of at least 95% of maximum according to AASHTO T-180.
9. The Contractor may propose an alternate equivalent basket facing with heavier WWF and 2'-0" maximum height, however the spacing of wrap around geotextile remains 1'-0" (Typ).
10. Refer to B-504-L1, M1, N1, and 01, 02, 03 or 04 for bearing capacity versus BP (factored load) requirement.
11. The topmost wrap around shall be a full piece of "U" fabric in the main (principal) direction with a minimum of 10'-0" roll width.
12. A minimum of 1'-0" overlap (as a non-principal direction splice) is required between fabric rolls.

Revision Dates
09-16
10-24

INITIALS	DESIGN	DATE	DETAIL	DATE	QUANTITY	DATE
By						
Checked By						

All seals for this set of drawings are applied to the cover page(s)

Print Date: $DATE$	
File Name: Sheet_B-504-T1.dgn	
Horiz. Scale:	Vert. Scale: As Noted
Unit Information	Unit Leader Initials

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation
2829 West Howard Place, 3rd Floor
Denver, CO 80204
Phone: 303-512-4079
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Staff Bridge Branch

Initials

As Constructed	
No Revisions:	
Revised:	
Void:	

GEOFABRIC WRAP AROUND WIRE BASKET FACING PHASE WALL

Designer:	XXXXXXXX	Structure Numbers	XXXXXXXXXXXXX
Detailer:	XXXXXXXX		XXXXXXXXXXXXX
Sheet Subset:	WALL	Subset Sheets:	WXX of XXX

Project No./Code

Sheet Number

$PLOT_INFO$