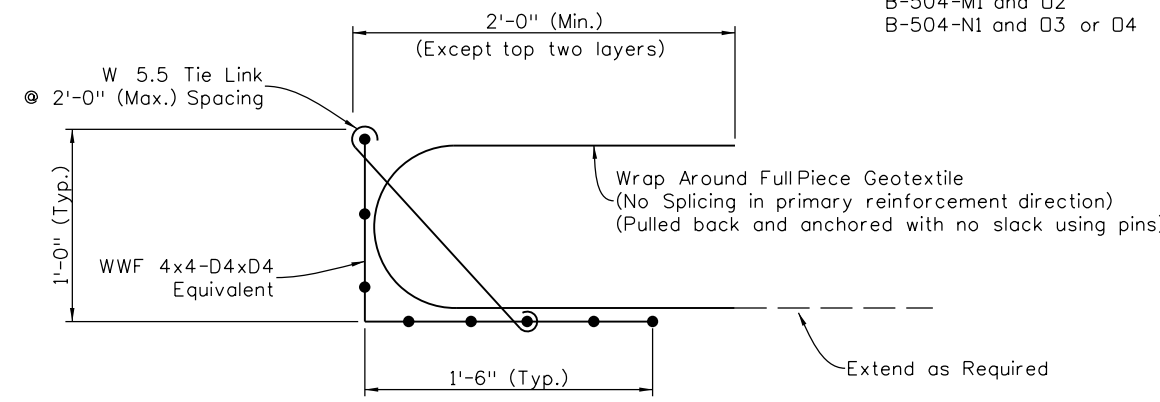
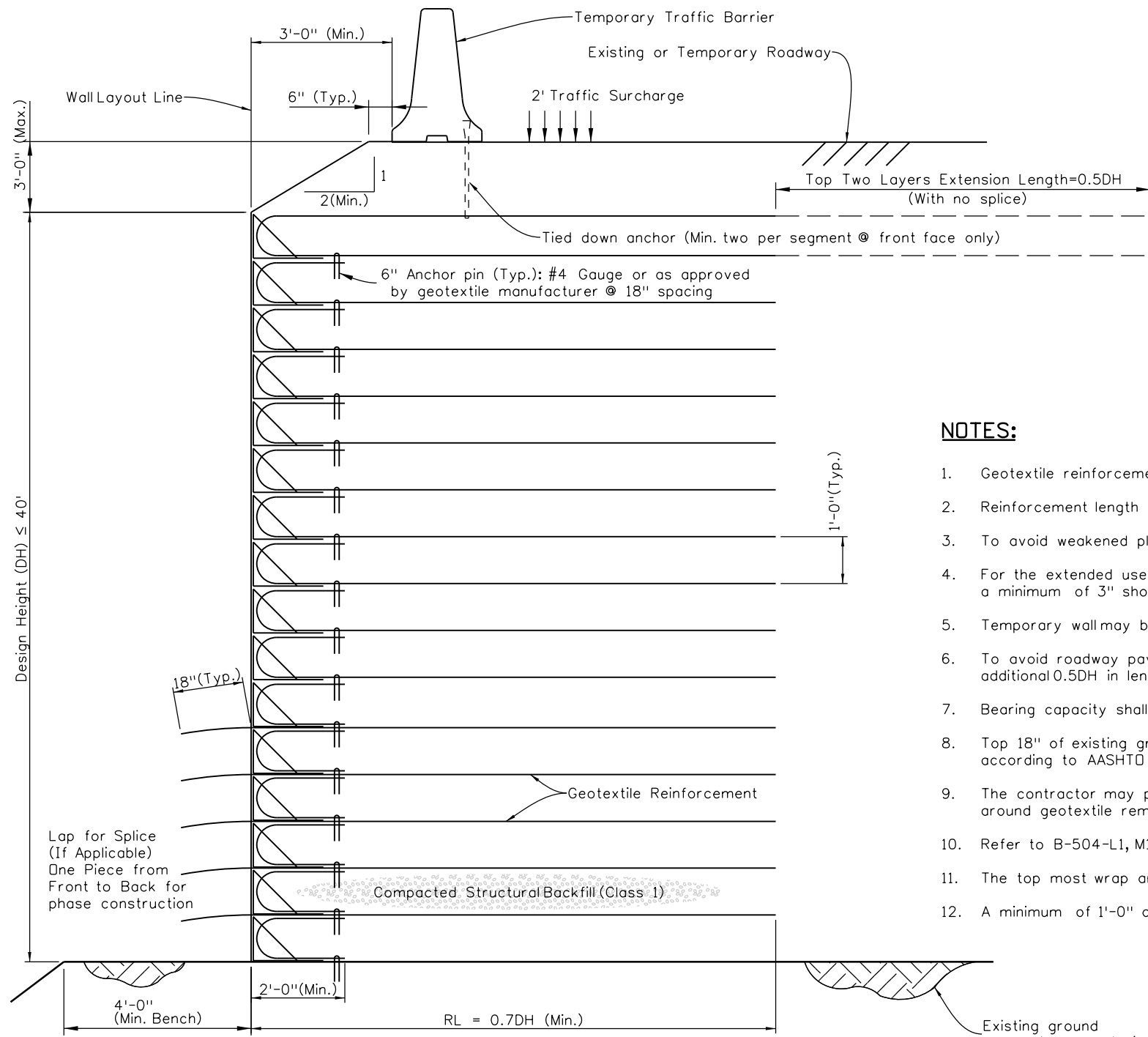


B-504-T1

This sheet must be accompanied by B-504-L1 and O1
B-504-M1 and O2
B-504-N1 and O3 or O4



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) equal to a minimum of 0.7 design height (DH).
3. To avoid weakened plane the 18" lap where applicable is for splicing with adjacent reinforcement soil.
4. For the extended use of temporary wall more than 18 months, wire basket may be treated epoxy and facing 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 top most two layers of soil reinforcement shall be extended an additional 0.5 DH in length.
7. Bearing capacity shall be checked and covered in the geotechnical report.
8. Top 18" of existing ground or on-site material shall be compacted to a density of at least 95% of maximum according to AASHTO T180.
9. The contractor may propose an alternate equivalent basket facing with heavier WWF and 2'-0" max. height, however the space of wrap around geotextile remains 1'-0" (Typ.).
10. Refer to B-504-L1, M1, N1, and O1, O2, O3 or O4 for bearing capacity versus BP (factored load) requirement.
11. The top most wrap around shall be a full piece of "U" fabric in the main (principle) direction with a minimum of 10'-0" roll width.
12. A minimum of 1'-0" overlapping (as a non-principle direction splice) is required between fabric rolls.

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

SECTION VIEW

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

Print Date: 9/6/2016	
File Name: Sheet_B-504-T1.dgn	
Horiz. Scale: NTS	Vert. Scale: As Noted
Staff Bridge Branch-Unit OXXX	Unit Leader Initials

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation
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Staff Bridge Branch Initials

As Constructed
No Revisions:
Revised:
Void:

GEOFABRIC WRAP AROUND WIRE BASKET FACING PHASE WALL			
Designer:	XXXXXXX	Structure Numbers	Wall-X-XX-XX
Detailer:	XXXXXXX	Structure Numbers	Wall-X-XX-XX
Sheet Subset:	Wall	Subset Sheets:	WXX of XXX

Project No./Code
Project Number
Code
Sheet Number