

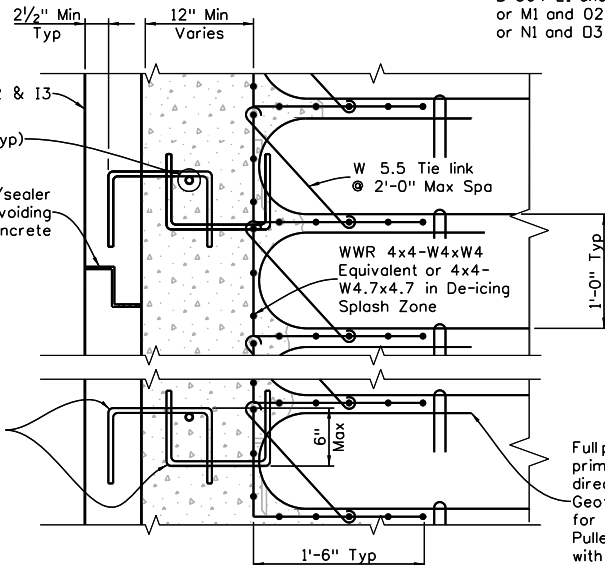
This sheet must be accompanied with B-504-L1 and 01 or M1 and 02 or N1 and 03 or 04

Designer/Detailer: Show applicable top loading conditions and use appropriate references.

Refer to B-504-I2 & I3

"U" Pin 1/2"Ø Grade 60 Galv steel, spaced @ 6" Max Vert and Horiz Alternate threaded/adjustable detail is allowed. Minimum 6 per 25 SF of panel facing

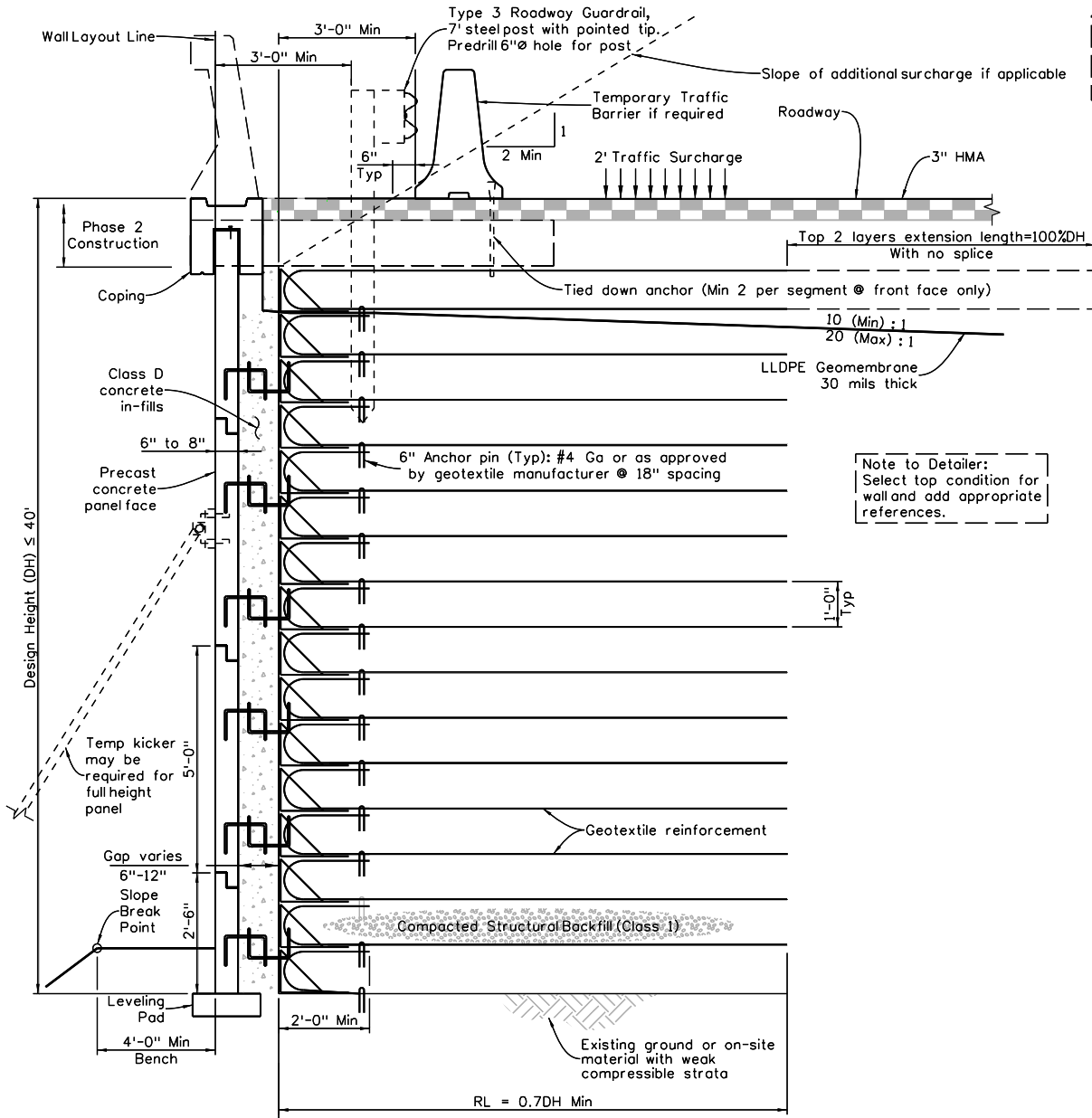
Full piece (No splicing in primary reinforcement direction) Wrap-Around Geotextile 2'-0" Min (Except for topmost two layers) Pulled back and anchored with no slack using pins



**WIRE BASKET DETAIL**

**NOTES:**

1. Geotextile reinforcement shall be biaxial woven geotextile with minimum average roll value of 4800 Lb/Ft based on ASTM D4595.t
2. Reinforcement length (RL) equal to a minimum of 0.7 DH; truncated base is not allowed.
3. A minimum of 4 "U" pins shall be used per segmental panel and/or a min. of one pin per 6 square feet for full height panel;
4. Wire basket and tie link shall be epoxy coated.
5. Gap between panel and wire basket shall be filled with Class D concrete with modified higher slump. Gap shall not be filled until settlement from weak compressible layers reaches target or predicted values.
6. To avoid roadway pavement tension cracks, the top most two layers of soil reinforcement shall be extended an additional 100% DH in length.
7. Bearing capacity and amount of settlement from substrate shall be checked and addressed in 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 T-180.
9. To reduce time required for consolidation additional temporary fill may be placed at the top of wall with 2(Min)(H):1(V) slope.
10. The Geotechnical Engineer shall specify the duration of time between Stage 1 and Stage 2, and the amount of expected settlement.
11. The Contractor shall provide stamped and sealed shop drawings for panel facing and panel to wire basket detail.
12. Alternate cast-in-place one side formed facing may be submitted by the Contractor as alternative for approval.
13. 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.
14. A minimum of 1'-0" overlap (as a non-principal direction splice) is required between fabric rolls.



**SECTION VIEW**

(Coping as shown, Rail Anchor Slab/Beam if applicable)

Revision	Date
09-16	10-24

INITIALS	DESIGN	DATE	DETAIL	DATE	QUANTITY	DATE
By						
Checked By						

Print Date: \$DATE\$
File Name: Sheet_B-504-T2.dgn
Horiz. Scale: Vert. Scale: As Noted
Unit Information Unit Leader Initials

Sheet Revisions		
Date:	Comments	Init.

**Colorado Department of Transportation**

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**Staff Bridge Branch**

As Constructed
No Revisions:
Revised:
Void:

TWO-STAGE GRS WALL WITH PANEL FACING			
Designer:	XXXXXX	Structure	XXXXXXXXXXXX
Detailer:	XXXXXX	Numbers	XXXXXXXXXXXX
Sheet Subset:	WALL	Subset Sheets:	WXX of XXX

Project No./Code
Sheet Number

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