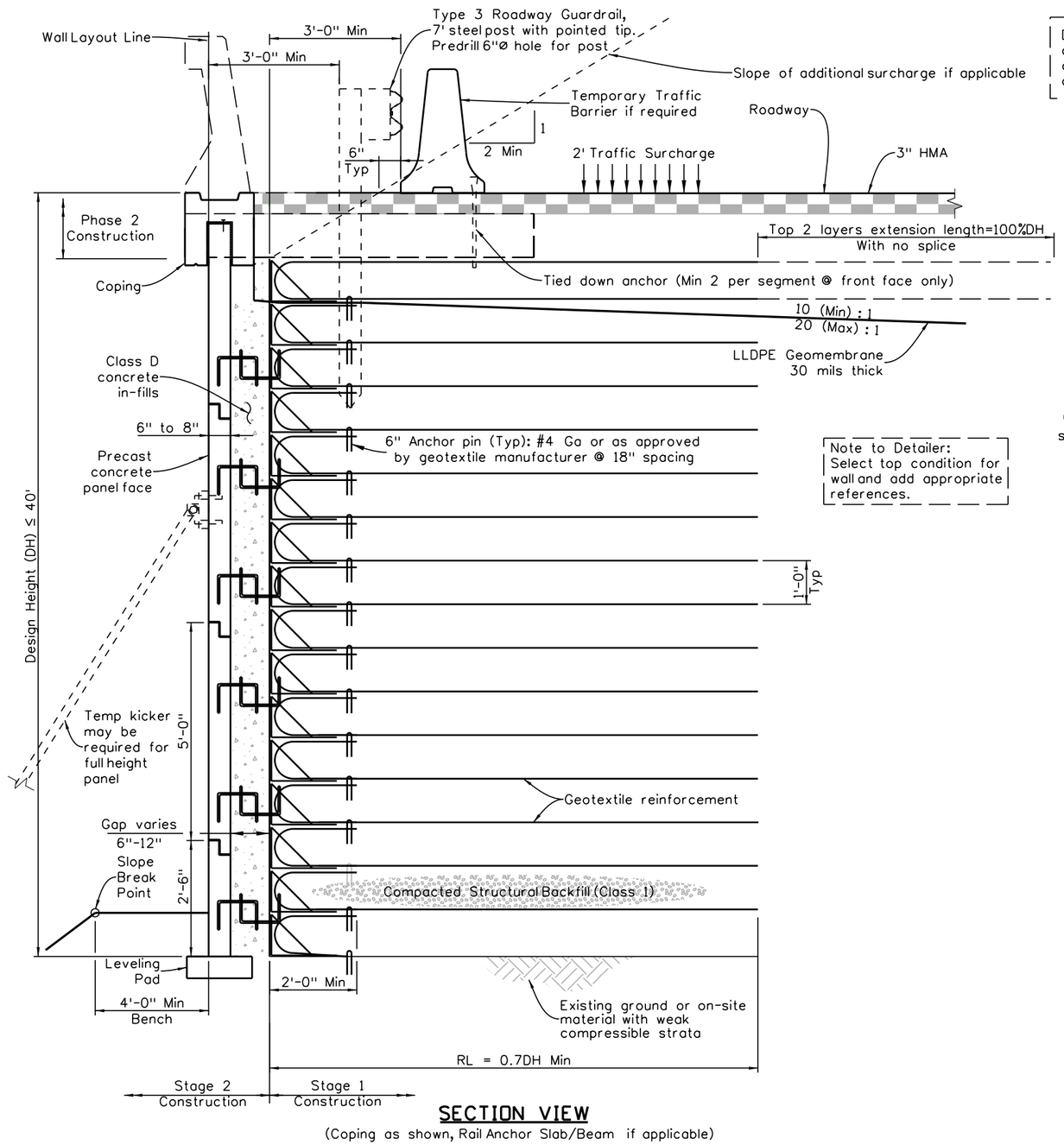
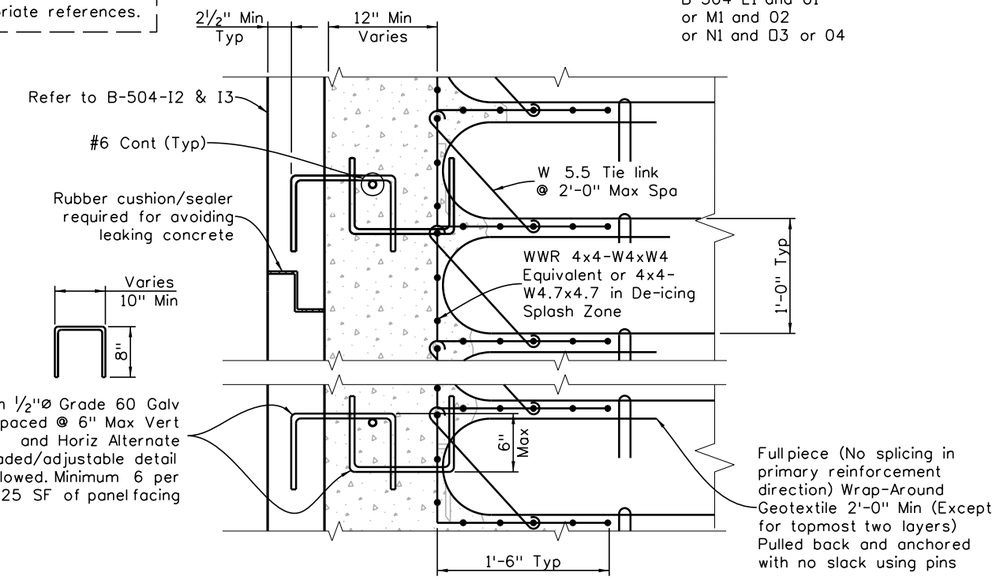


SECTION VIEW

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

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



WIRE BASKET DETAIL

B-504-T2

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

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 mimimum 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.

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-T2.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
FAX: 303-757-9197
Staff Bridge Branch Initials

As Constructed
No Revisions:
Revised:
Void:

TWO-STAGE GRS WALL WITH PANEL FACING

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

Project No./Code

Sheet Number

$PLOT_INFO$