

Horiz. Scale: As Noted

Staff Bridge Branch-Unit OXXX

Vert. Scale: As Noted

Unit Leader Initials

CDOT 4201 East Arkansas Avenue

Staff Bridge Branch

CO

be accompanied with B-504-V2, Forming board and Fill joint with formwork ties. Loop D3, D5, & T1) grout materialtie around micropile. Back Face-(See Note 10) -#5 Bars (Cont.) Formwork ties to -accommodate micropile -Front Face #5 Loops @ 4.8"

Seal joint with closed cell

prior to placing grout.

-polyethelene foam backer

B-504-V6 (This sheet must

VERTICAL JOINT DETAIL

(±1/4") *

Wall Segment Table

	Estimated	DH or Casing		Micropile	Actual
Wall	Bedrock	Pay Length	Bond	Pay Length	Bedrock
Station	Elevation	(Ft.)	Bond Length (Ft.)	(Ft.)	Elevation
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- 1. Stage I is for panel/micropile erection, and stage II is for MSE backfill.
- For 9" thick panel no casing is required at the panel vertical joint during Phase I construction. However, prior to backfill and reinforcement installation, kickers and battered micropile with casing as bracing are required for panel erection.
- Panels are braced by micropiles with both front and back casings and additional bracking or kickers at the front may be required prior to grouting of vertical joints and subsequent MSE backfill.
- Soil reinforcements may be spliced or modified where interference with slanted micropile/casing.
- For micropile installation coring is allowed through concrete leveling pad.
- Drain modifications, pieceable filter fabrics and holes are allowed where drain and mincropiles conflict.
- 7. To accommodate loop bars and vertical panel joint the panel thickness and reinforcements must be modified from B-504-I3 by the panel supplier. Extra material and labor shall not be paid separatly but shall be included in the cost of Pay Item Panel Facing.
- Wall shop drawings including panel details are required and are subject to the
- Refer to B-504-T1 (Without Wire Basket) for optional backfill.
- 10. Stay-in-place fiber reinforced cement backer board drilled/nailed to panels with concrete screws may be used at joint.

Department of Transportation	As Constructed	TWO PHASE PANEL FACING MSE/GRS - A-FRAME WALL FRONT MICROPILE		Project No./Code
7 4201 East Arkansas Avenue Room 107	No Revisions:	EMBEDED BET	Project Number	
Denver, CD 80222 Phone: 303-757-9309 FAX: 303-757-9197	Revised:		Structure Wall-X-XX-XX	Code
ge Branch Initials	Void:	Detailer: XXXXXXX Sheet Subset: Wall	Numbers Wall-X-XX-XX Subset Sheets: WXX of XXX	Sheet Number