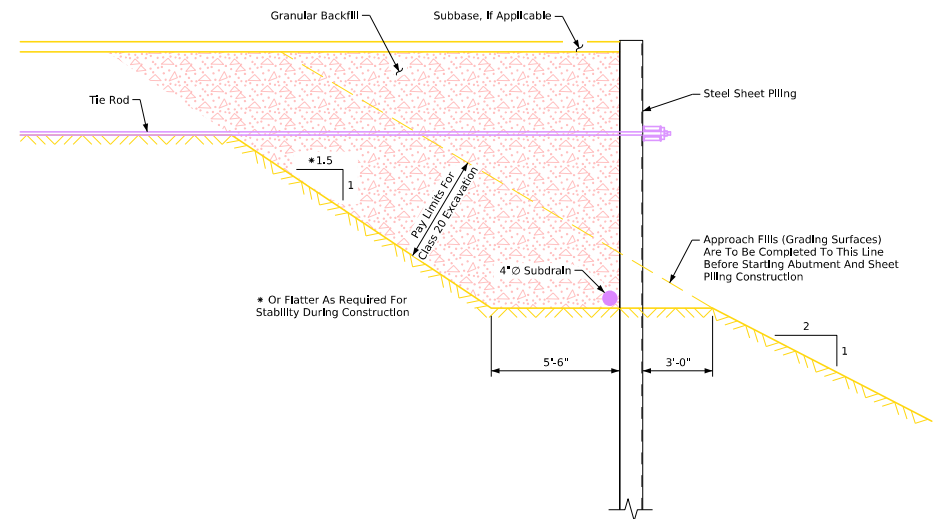


Backfill Details
(Section Thru Abutment)

Notes:
Subdrain Shall Slope Downward 2% From ∇ Approach Roadway.



Backfill Details
(Section Thru Wing)

Notes:
Subdrain Shall Slope Downward 2% From ∇ Approach Roadway.

Notes:
▲ Engineering fabric is to be placed full width of sheet piling and extend 2'-0" minimum past vertical cover plates.
The engineering fabric shall be in accordance with Article 4196.01, 8, 6 of the Standard Specifications. If the engineering fabric is lapped, the laps shall be a minimum of one foot in length, shingle fashion and stapled for continuity.
The intended purpose of the engineering fabric is to prevent the backfill from spilling between sheet piling and abutment. The Contractor shall ensure all gaps are sealed to retain the backfill to the satisfaction of the Engineer.

Abutment Backfill Notes:

Abutment backfill operations shall proceed following the complete construction of the bridge abutments and slab.
Provide granular backfill meeting the requirements of Section 4133, except that the percent passing the No. 200 sieve shall not exceed 5.0%. Place and compact backfill according to the requirements of Article 2432.03, G, 3 of the Standard Specifications.
Place backfill behind both abutments simultaneously so that the two fills are kept at approximately the same depth at all times.
The cost of furnishing and placing subdrains (including excavation), subdrain outlets, and engineering fabric shall be included in the contract unit price bid for "Granular Backfill". No extra payment will be made.

Note:
Construction and installation of slab and abutment cap shall be completed prior to beginning installation of backfill.

Note:
See Subdrain Details sheet for details not shown on this sheet which are pertinent to this structure.

Latest Revision Date <i>James Miller</i> Approved by Bridge Engineer	IOWA DOT	
	Standard Design - 30'-0" Roadway, Single Span Bridge	
	Single Span Concrete Slab Bridges July, 2025	
	Abutment Backfill Details - High Abutments	J30S-42-25