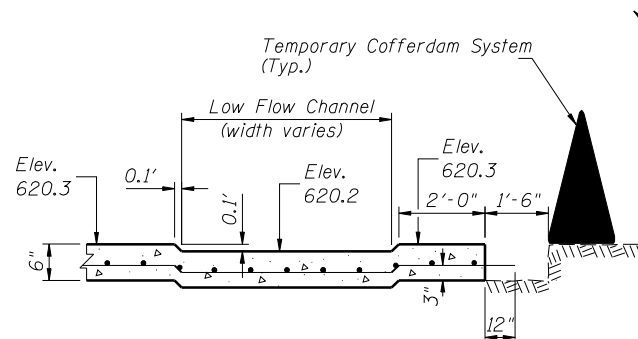


- Notes:**
1. All materials removed during construction shall become the property of the Contractor and shall be removed from site unless noted otherwise. Cost included with Slope Wall 6 Inch except as noted in Note 4.
 2. Class SI concrete shall be used throughout.
 3. The existing 480 square feet of Armorflex articulated block mats and 1383 square feet of Geoweb within the proposed repair area shall be removed. The scour holes shall be filled and compacted to an elevation 8 inches below proposed finished grade. The base in the original paving block location shall be excavated to a depth of 8 inches below proposed finished grade. Filter fabric shall then be placed over the repaired scour holes and original paving block locations and shall lap a minimum of 6 inches with the surrounding existing filter fabric. The existing aggregate from the areas where Geoweb is removed shall be excavated, distributed and compacted or removed from site as necessary to bring the base to the proposed subgrade elevation of the proposed channel paving.
 4. The removal/disposal of the mounds of silt and vegetation as noted below shall be paid for as channel excavation.
 5. Access to the work area shall be limited to the articulated block mat as shown on sheet 3.
 6. Sluice gate openings are 8' x 8'.

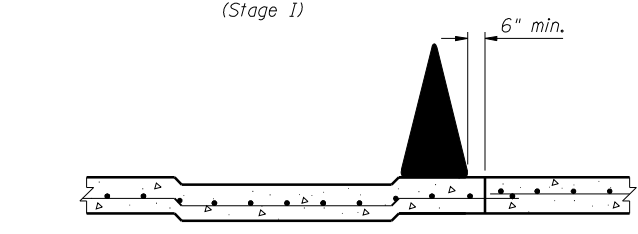
ESTIMATED VOLUMES
(For Information Only)

Aggregate to be Excavated	25 Cu. Yd.
Excavation below existing paving blocks	2 Cu. Yd.
Fill required below proposed filter fabric in scour hole	1 Cu. Yd.
Aggregate required above new filter fabric	5 Cu. Yd.
Approx. volume to be removed from site (from slope wall and aggregate ridge areas)	21 Cu. Yd.
Paving Blocks to be removed from site	53 Sq. Yd.
Channel Excavation (downstream of slope wall)	100 Cu. Yd.

- Cofferdam Notes:**
- The Contractor is responsible for the design and construction of the Temporary Cofferdam System, which shall be approved by the Engineer.
 - The height of the cofferdam shall be sufficient to prevent overtopping by a flood with a recurrence interval selected by the Contractor.
 - The Contractor shall assume all risk of damages to his/her equipment and the work caused by flooding for the cofferdam design.
 - The Contractor shall submit his proposed method of maintaining channel flows, for approval by the Engineer, prior to beginning construction.

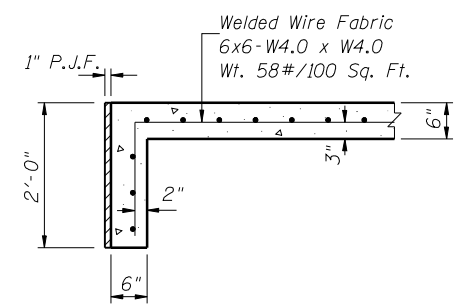


SECTION A-A
(Stage I)

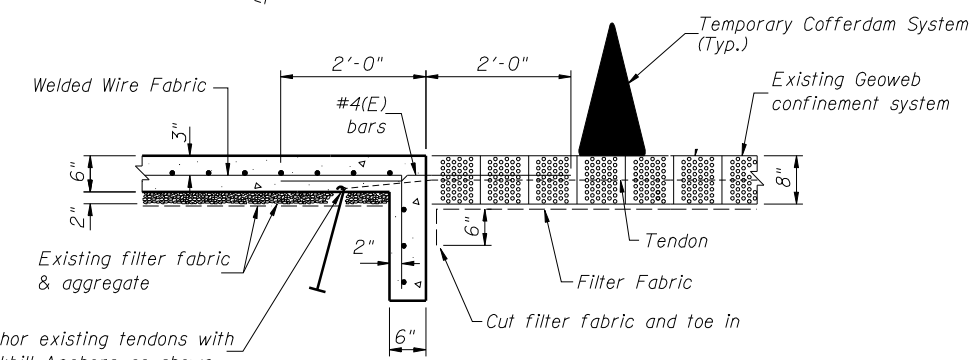


SECTION A-A
(Stage II)

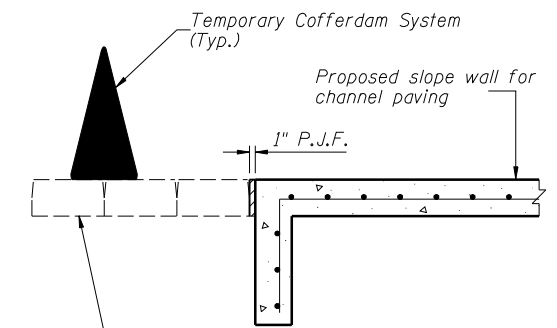
Mounds of silt and vegetation between the pumpstation and the railroad culvert shall be carefully removed down to the surface of the Geoweb and/or as directed by the Engineer and disposed of off site. Estimated 100 Cu. Yds. Channel Excavation. Quantity is a rough estimate and shall be measured for payment in accordance with Art. 202.07(b) of the Std. Specifications.



SECTION B-B
(Typical edges at structures)



SECTION C-C
(Typical at Geoweb interface)



SECTION D-D

BILL OF MATERIAL

Slope Wall 6 Inch	Sq Yd	207
Filter Fabric	Sq Yd	87
Temporary Cofferdam System	L Sum	1
Channel Excavation	Cu Yd	100

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