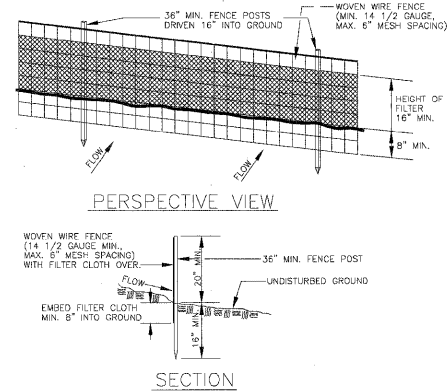


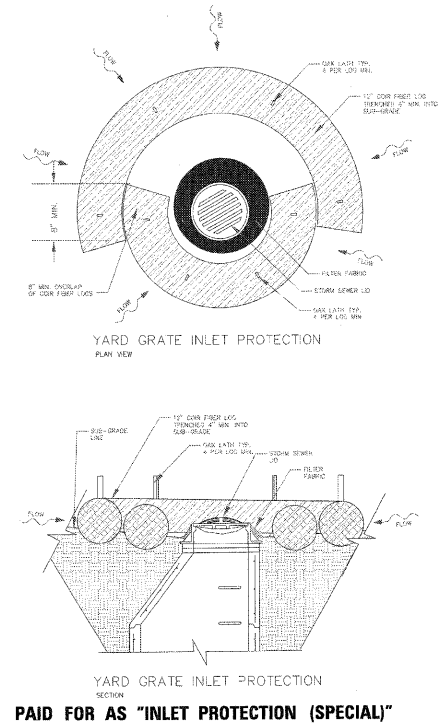
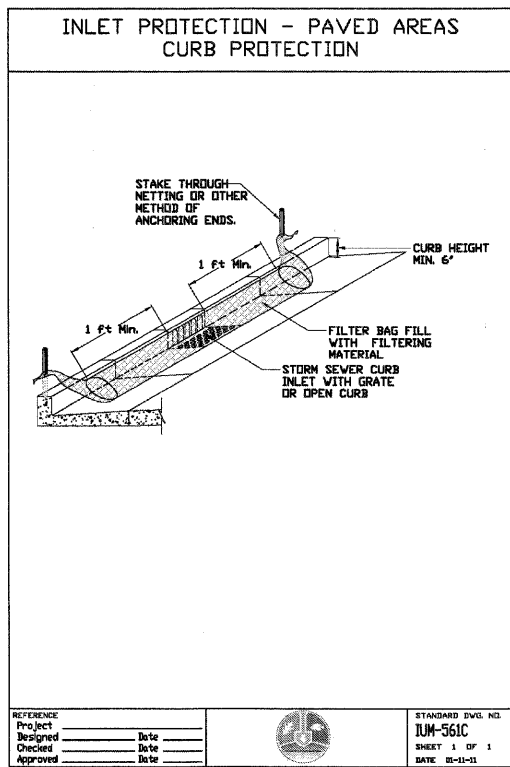
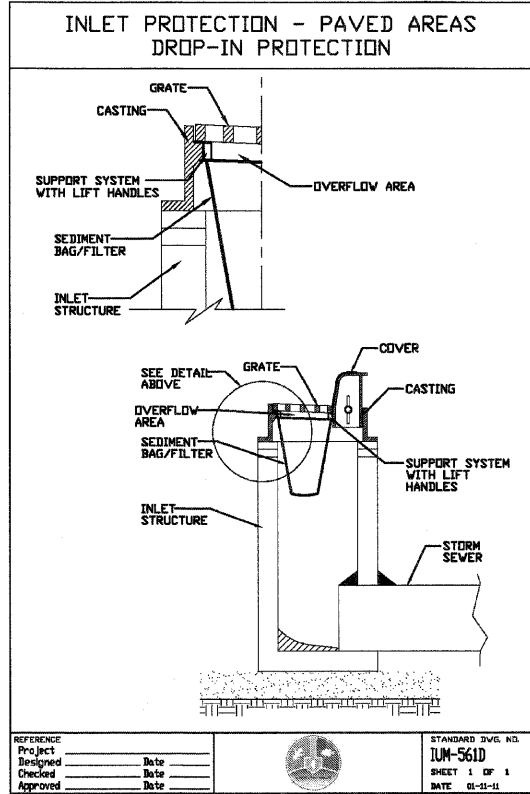
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 SURVEYED: \_\_\_\_\_ CHECKED: \_\_\_\_\_  
 PLAN: \_\_\_\_\_ NOTE BOOK: \_\_\_\_\_  
 3575 West Higgins Road, Suite 600  
 Rosemont, Illinois 60018  
 (817) 823-0500  
 DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_ CHECKED: \_\_\_\_\_  
 PROFILE: \_\_\_\_\_ NOTE BOOK: \_\_\_\_\_



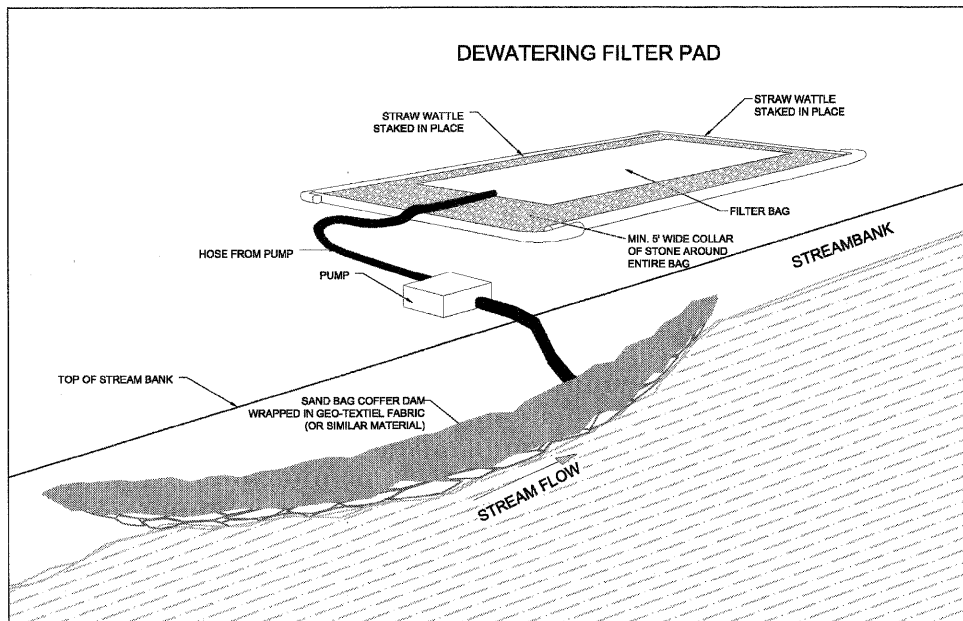
**CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**

- Woven wire fence to be fastened securely to fence posts with wire ties or staples.
  - Filter cloth to be fastened securely to woven wire fence with ties spaced every 24" at top and mid section.
  - When two sections of filter cloth adjoin each other they shall be overlapped by six inches and folded.
  - Maintenance shall be performed as needed and material removed when "bulges" develop in the silt fence.
- POSTS: Steel either T or U shaped type or 2" hardwood  
 FENCE: Woven wire, 14 1/2 GA. 6" Max. mesh opening  
 FILTER CLOTH: Filter X, Mirafi 100X, Stabi-linka T140X OR APPROVED EQUAL  
 PREFABRICATED UNIT: Geofab, Envirofence OR APPROVED EQUAL

**PERIMETER EROSION BARRIER**



**PAID FOR AS "INLET PROTECTION (SPECIAL)"**

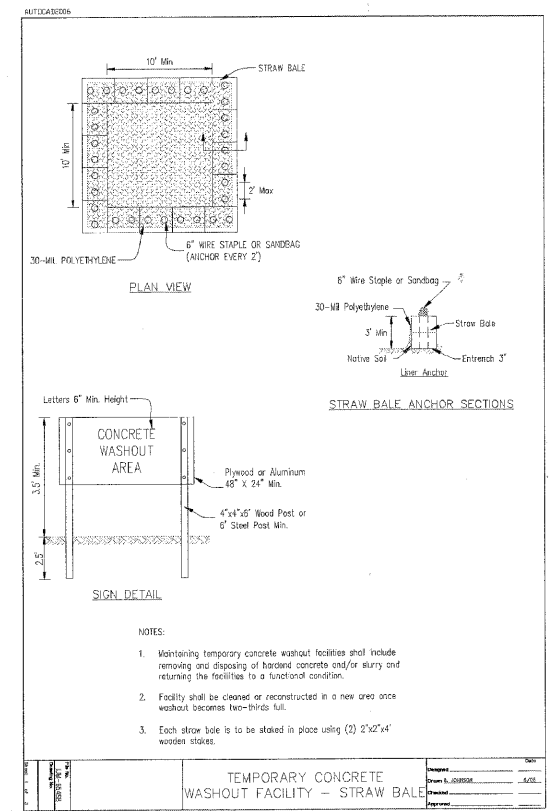
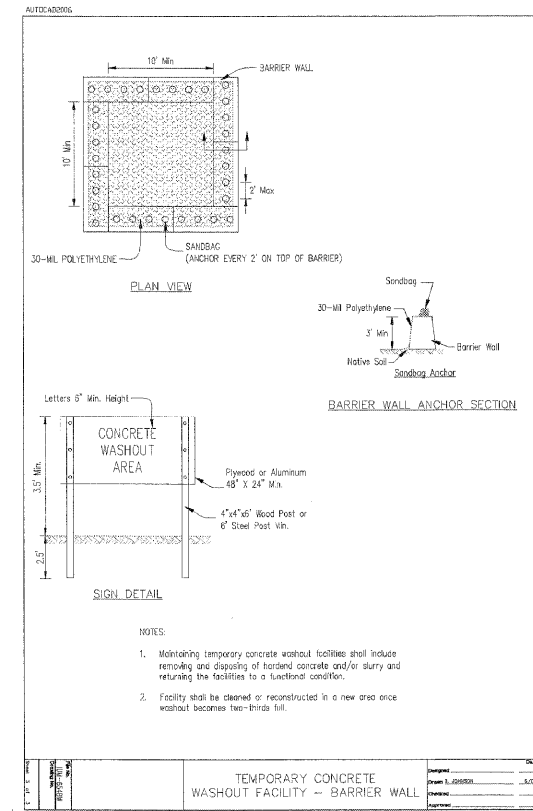


**INCLUDED IN THE COST OF "DEWATERING"**

**SANDBAG COFFERDAM**

A sandbag cofferdam should be installed by hand during low-flow conditions in order to isolate the streambank stabilization work from the flows of Ratt Creek and Ratt Creek Tributary. If at the time of construction the contractor believes that a cofferdam is not necessary to perform the work, the contractor shall gain approval from the Corps to proceed without installing a cofferdam. An impermeable liner such as visqueen shall be placed in the creek and the sandbags shall be stacked in an alternating pattern upon the liner. The liner shall be placed such that it may be wrapped over the sandbags towards the shore to create a seal. Sandbag cofferdam should be installed in a C-Shape design along the portion of the streambank requiring restoration. Following cofferdam installation, a pump equipped with a sediment bag will be used to dewater the area between the cofferdam and the streambank (see detail). The dewatering bag shall be placed as far from the creek as possible to maximize the time for sediment removal. The pump must be floated on top of the water to minimize the intake of sediment. The cofferdam and pump must be maintained as necessary to allow the contractor to work "in the dry" and to control sediment. Following completion of the streambank restoration work, the sandbag cofferdam will be removed by hand starting with the downstream side in order to not impede water flows. Stabilization of upland areas may be required following removal of the sediment bag filter pad and should be completed using the specified native seed mix.

In no case shall the sandbag cofferdam be installed for greater than 30 days.



**PAID FOR AS "WASHOUT BASIN"**

FILE NAME = N:\ALGONDUN\070273.00026\civil\ECR_070273-3.SHT	USER NAME = mcorran	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EDGEWOOD DRIVE IMPROVEMENTS EROSION AND SEDIMENT CONTROL DETAILS</b>	F.A.U. RTE. 4010	SECTION 09-00078-00-WR	COUNTY McHENRY	TOTAL SHEETS 128	SHEET NO. 45		
PLOT SCALE = 50'	PLOT DATE = 11/15/2011	DRAWN -	REVISED -			SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	ILLINOIS FED. AID PROJECT			
DATE -	CHECKED -	DATE -	REVISED -			CONTRACT NO. 63655						
DATE -	CHECKED -	DATE -	REVISED -									