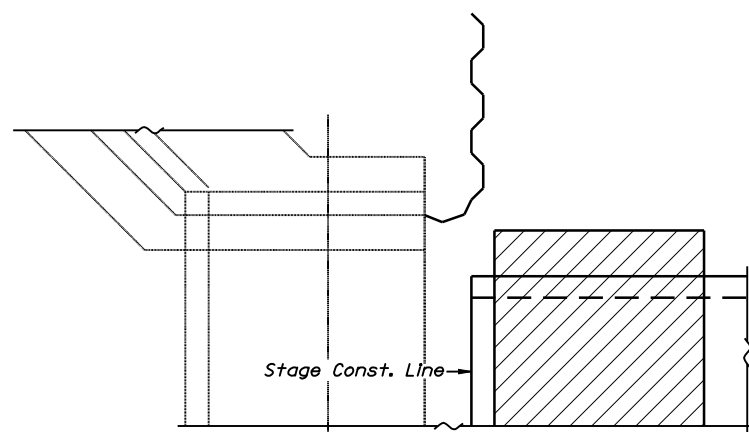
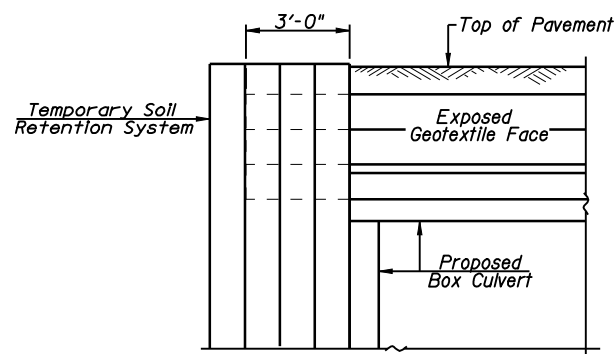


**TYPICAL SECTION**



**PLAN**

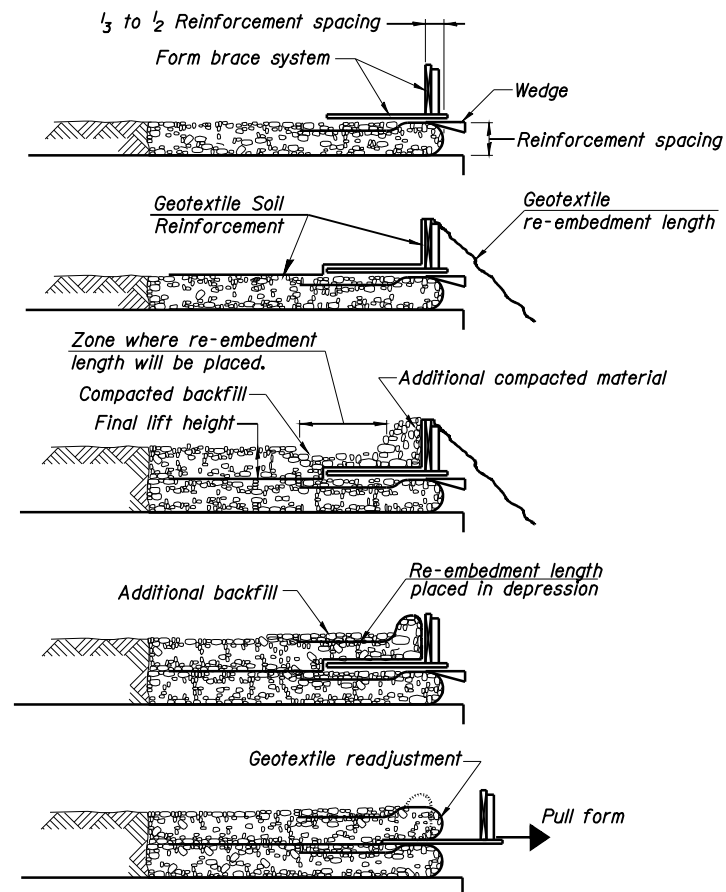


**ELEVATION**

**BILL OF MATERIAL**

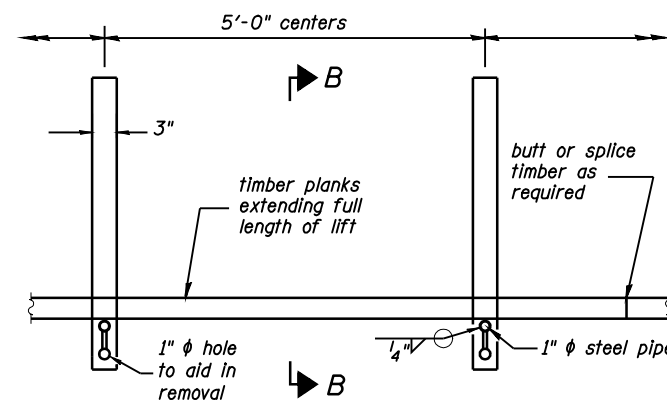
Item	Unit	Quantity
Geotextile Retaining Wall	Sq. Ft.	153.0

Note:  
The geotextile soil reinforcement shall have a minimum allowable tensile strength (T min.) of 23 lb./in. as determined by the procedure described in the Special Provision. The computations supporting the determination of T min. shall be submitted to the engineer for approval.

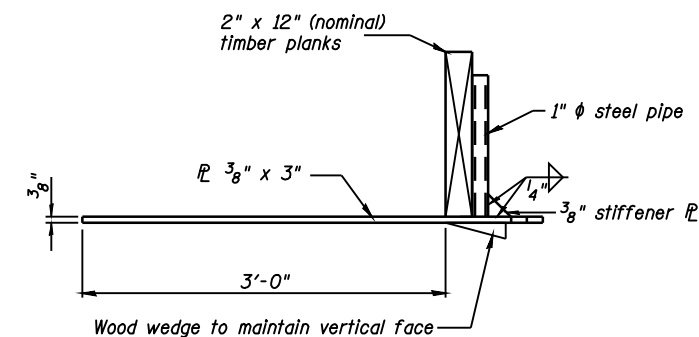


1. Place form brace system on completed reinforcement level; back from the finished fabric face a distance of  $\frac{1}{3}$  to  $\frac{1}{2}$  the geotextile reinforcement spacing.
2. Position fabric so that the required geotextile re-embedment length extends over the top of the form brace and the design reinforcement width is placed with no slack against the previous level.
3. Compact backfill material in lifts to final lift height, create ( $\pm 3'$ ) depression in zone where re-embedment length will be located and place additional height of compacted material against form brace.
4. Fold Geotextile re-embedment length back over form brace into zone where depression was made in backfill and place additional compacted backfill, ( $\pm 3'$ ) to embed geotextile and bring to final lift height.
5. Pull form brace outward allowing geotextile face to slightly readjust to form tight round face and level with plan reinforcement spacing.

**GEOTEXTILE WALL CONSTRUCTION PROCEDURE**



**PLAN**



**SECTION B-B**

**GEOTEXTILE TEMPORARY FORM BRACE DETAIL**

Note:  
The temporary form brace detail is provided as a guide. The contractor is responsible for the design and performance of the form system used.

**GEOTEXTILE RETAINING WALL  
IL. ROUTE 125 OVER  
TRIBUTARY TO LOST CREEK  
F.A.P. ROUTE 67 - SECTION (6X-1)B-2  
CASS COUNTY  
STA. 136+64.40  
S.N. 009-2506**



**Allen Henderson & Associates, Inc.**  
Civil and Structural Engineers Springfield, IL.  
62703 Phone: (217)544-8033 IL. Design Firm  
No. 184-001907

SHEET NO. 3  
OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
67	(6X-1)B-2	CASS	71	37
CONTRACT NO. 72875				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		