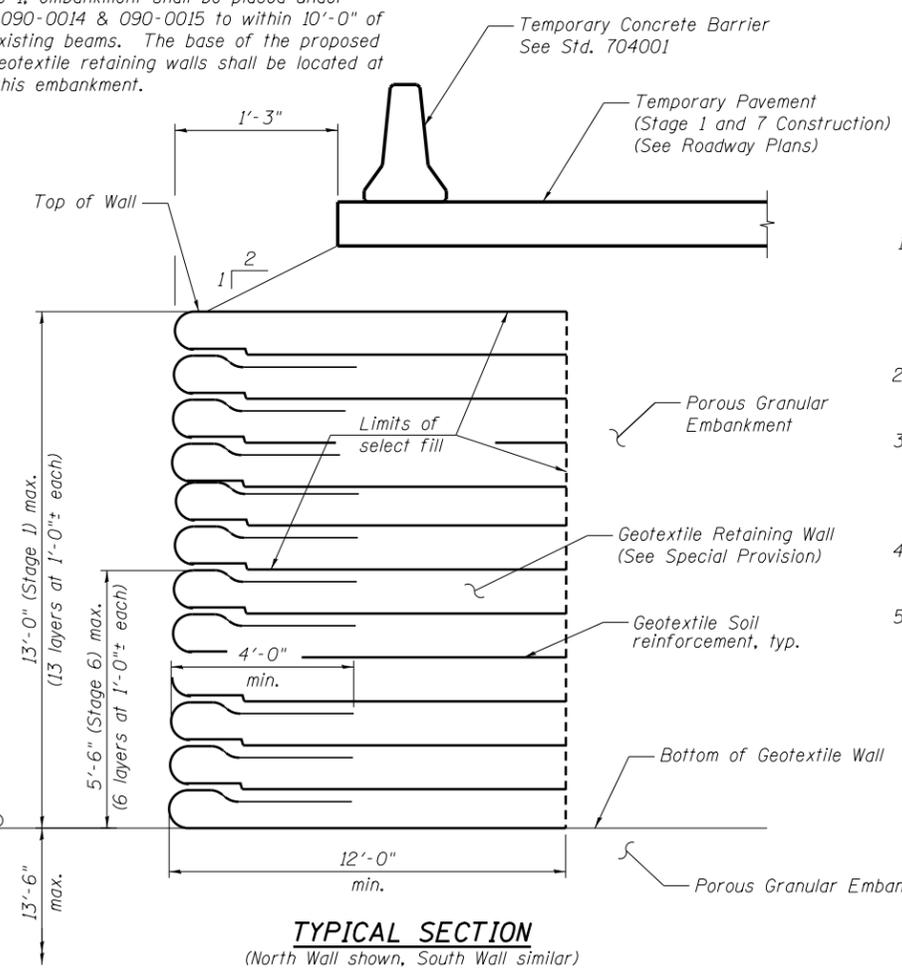


*During Stage 1, embankment shall be placed under existing SN 090-0014 & 090-0015 to within 10'-0" of bottom of existing beams. The base of the proposed temporary geotextile retaining walls shall be located at the top of this embankment.



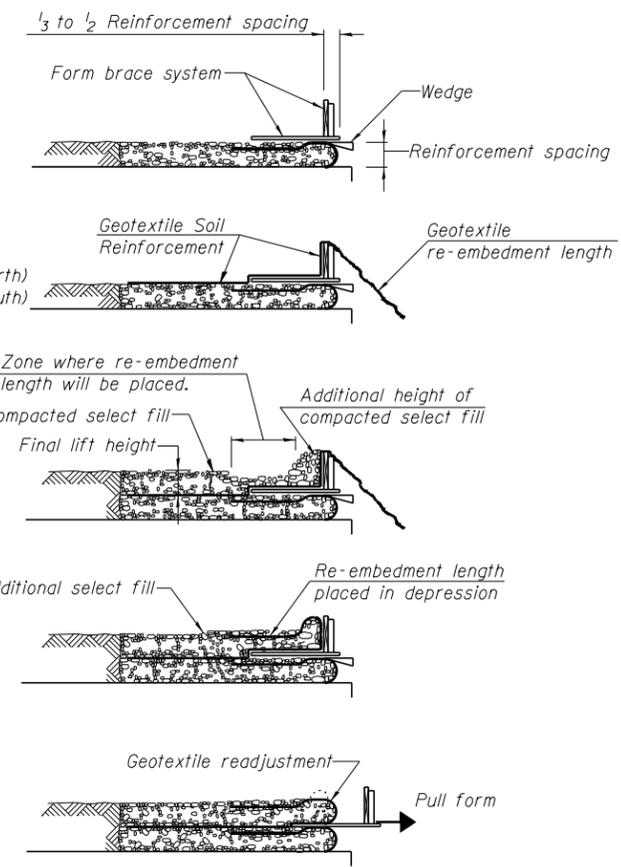
TYPICAL SECTION
(North Wall shown, South Wall similar)

BILL OF MATERIAL
(North & South Wall)

ITEM	UNIT	TOTAL
Geotextile Retaining Wall	Sq. Ft.	4,144

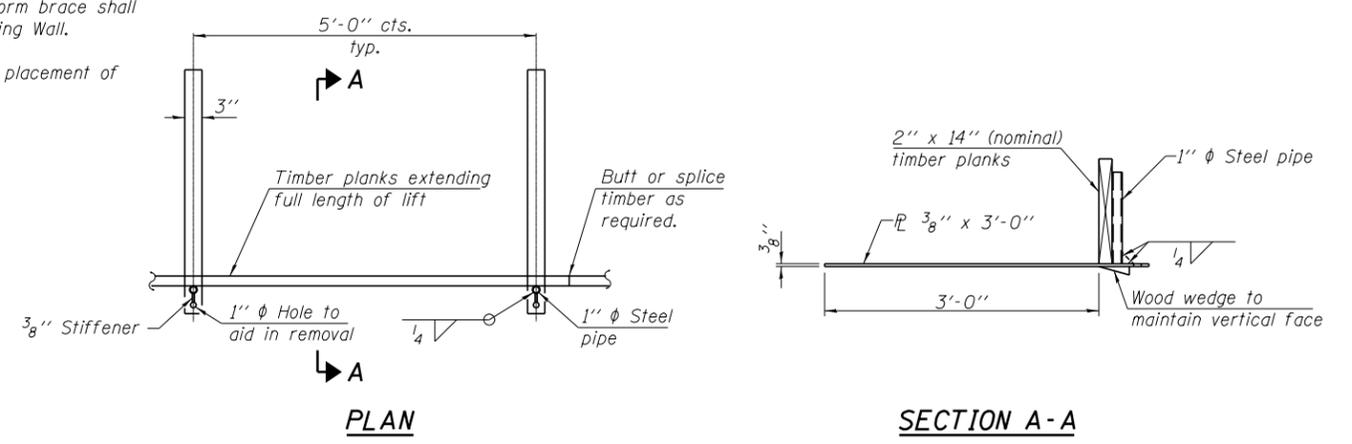
NOTES:

- The geotextile soil reinforcement shall have a minimum allowable tensile strength (T min.) of 53.8 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.
- See General Plan and Elevation for location of Temporary Geotextile Retaining Walls.
- The elevation of the roadway between the geotextile retaining walls shall be lowered during Stage 6. For details, see the Maintenance of Traffic plans. Cost included in Geotextile Retaining Wall.
- Cost of soil reinforcement, select fill and form brace shall be included in the cost of Geotextile Retaining Wall.
- Remove existing concrete slopewall prior to placement of geotextile retaining wall.



- 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.
- 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.
- Compact select fill 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 select fill against form brace.
- Fold geotextile re-embedment length back over form brace into zone where depression was made in select fill and place additional select fill ($\pm 3''$) to embed geotextile and bring to final lift height.
- Pull form brace outward allowing geotextile face to slightly readjust to form tight round face level with plan reinforcement spacing.

TEMPORARY GEOTEXTILE WALL CONSTRUCTION SEQUENCE



PLAN

SECTION A-A

TEMPORARY GEOTEXTILE FORM BRACE DETAIL

(This is a suggested detail, the Contractor is responsible for the design of the form brace system to be used)



Job No. 10056

FILE NAME =	USER NAME = mbecker	DESIGNED - MFB/DTS	REVISED -
xxxxxx.68620.09.gwl.dgn		CHECKED - MRB/SCW	REVISED -
	PLOT SCALE =	DRAWN - MFB/DTS	REVISED -
	PLOT DATE = 7/16/2012	CHECKED - KWS	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY GEOTEXTILE WALL DETAILS 1 OF 2
STRUCTURE NO. 090-0014 / 0015 REMOVAL

SHEET NO. SR9 OF SR22 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-[14Rz(14HB-4,14,14HVB)BR]	TAZEWELL	2433	2077
CONTRACT NO. 68620				
ILLINOIS FED. AID PROJECT				

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