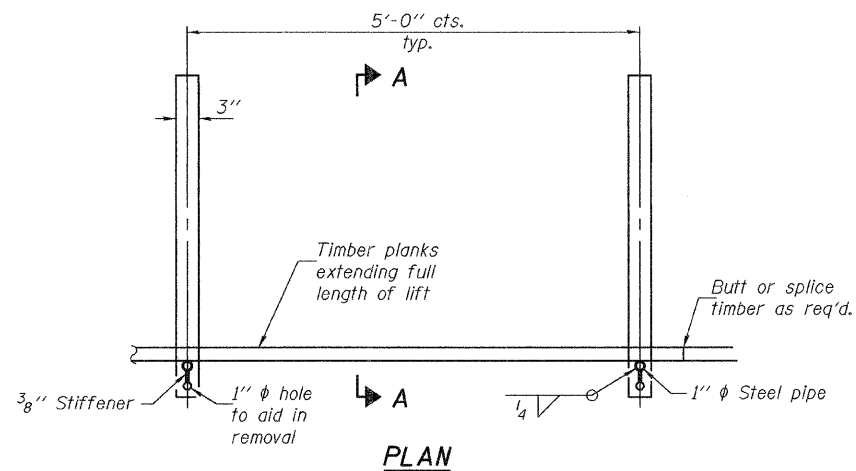
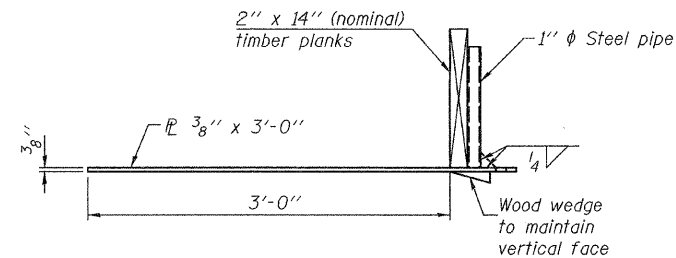
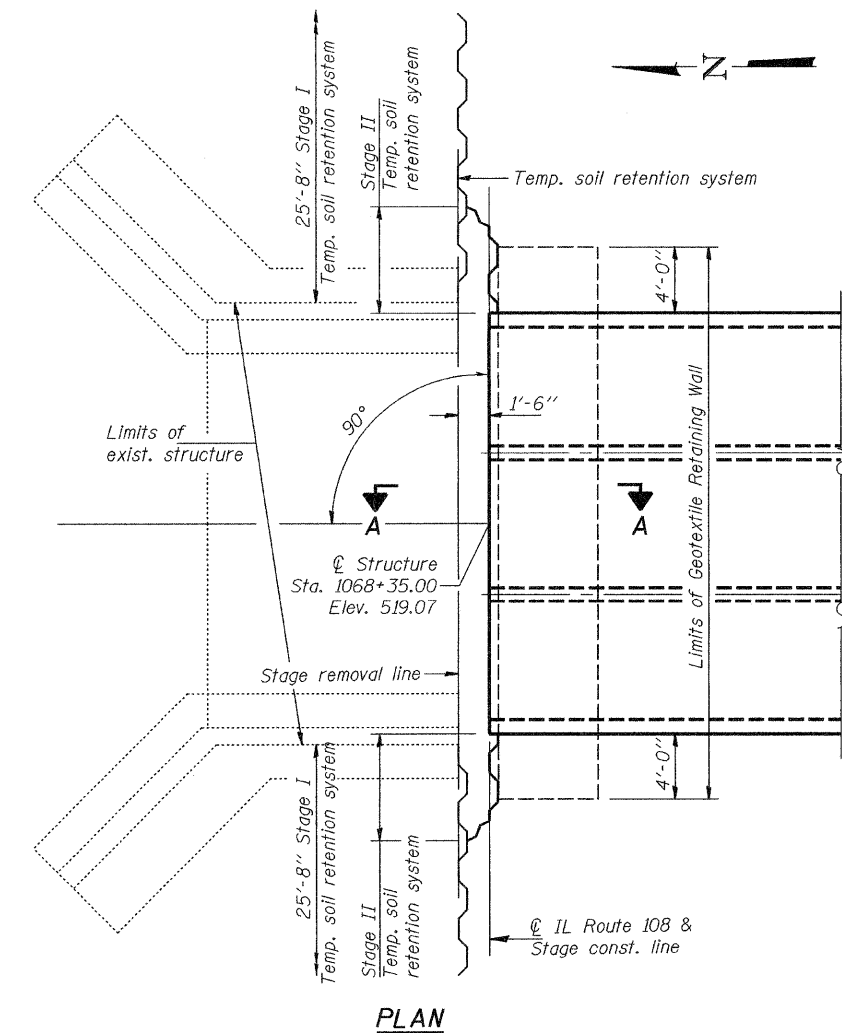
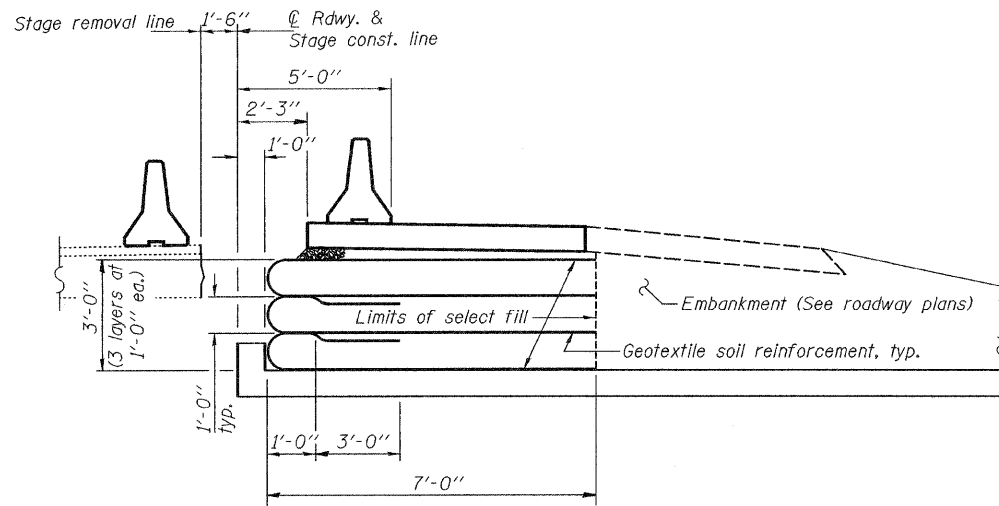
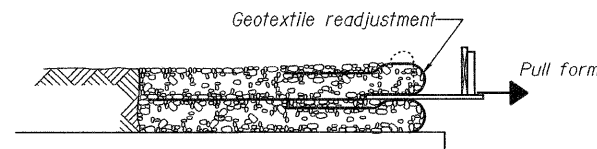
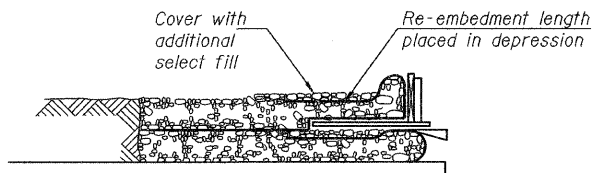
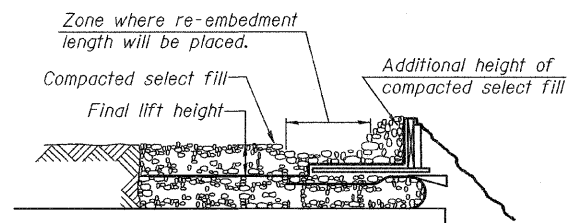
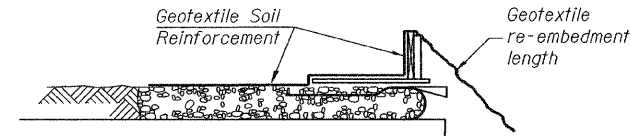
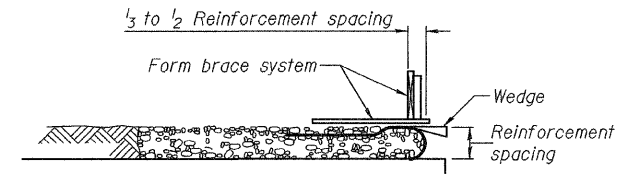


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



TEMPORARY GEOTEXTILE
FORM BRACE DETAIL

Note: This is a suggested detail, the Contractor is responsible for the design of the form brace system to be used.



TEMPORARY GEOTEXTILE
WALL CONSTRUCTION SEQUENCE

Note: The geotextile soil reinforcement shall have a minimum allowable tensile strength (T min.) of 20 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 1/3 to 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 select fill material in lifts to final lift height, create (±3") depression in zone where re-embedment length will be located and place additional height of compacted select fill against form brace.

4. Fold geotextile re-embedment length back over form brace into zone where depression was made in select fill and place additional select fill (±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 level with plan reinforcement spacing.

DESIGNED	Jay D. Edwards
CHECKED	Mike D. Rolape
DRAWN	h.f. duong
CHECKED	JDE/MDR

EXAMINED	Thomas J. Domagala ENGINEER OF BRIDGE DESIGN
PASSED	Ralph E. Anderson ENGINEER OF BRIDGES AND STRUCTURES

GEOTEXTILE RETAINING WALL
STRUCTURE NO. 031-2012

SHEET NO. 3	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	761	104-BR-2	GREENE	32	26
11 SHEETS	CONTRACT NO. 76987				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					