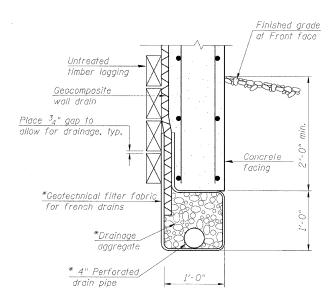
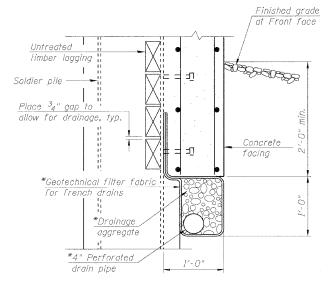
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

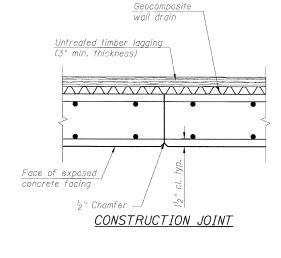




UNDER DRAIN DETAIL BETWEEN SOLDIER PILES

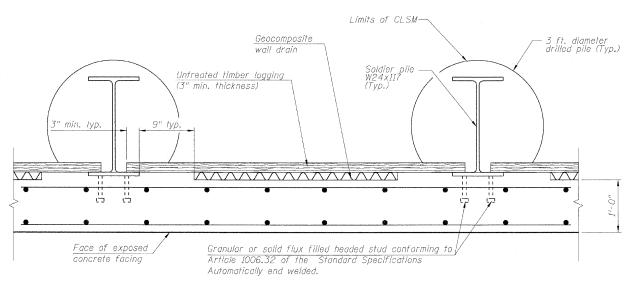
UNDER DRAIN DETAIL
AT SOLDIER PILES

* Included in the cost of Pipe Underdrains for structures.



Note: The contractor is responsible for the design and performance of the lagging using no less than 3 in. nominal rough-sawn thickness and timber with a. minimum allowable bending stress of 1000 psi.

* Included in the cost of Pipe Underdrains for structures.



TYPICAL PLAN THROUGH WALL

DESIGNED - KRG

CHECKED - MJK

DRAWN - GSJ

CHECKED - MJK



SECTION THRU

RETAINING WALL

33'-7" Rt. angles to © Roadway (Southwest wall)

33'-6'g" Rt. angles to © Roadway (Northeast wall)

Soldier pile

Untreated

Limits of CLSM -

and soil removal

for lagging installation

wall drain

Geocomposite

timber lagging

- Steel Railing Type 2399

Floor drain

Finshed ground surface at Front face

---existing ground

-All drainage system components shall extend to a point where it can be drained into the channel

The pipes shall drain into the concrete headwalls. See article 601.05 of the Standard

Specifications and Highway Standard 601101

A STANDARD STANDARD

STRUCTURE NO: 082-2044					
SHEET NO.11	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	600	60-(30,31,128)-1	St. Clair	399	2.52
15 SHEETS	-	STRUCTURE NO: 082-2044	CONTRACT	NO. 76	830
	FED. ROAD DIST. NO ILLINOIS FED. AID PROJECT				