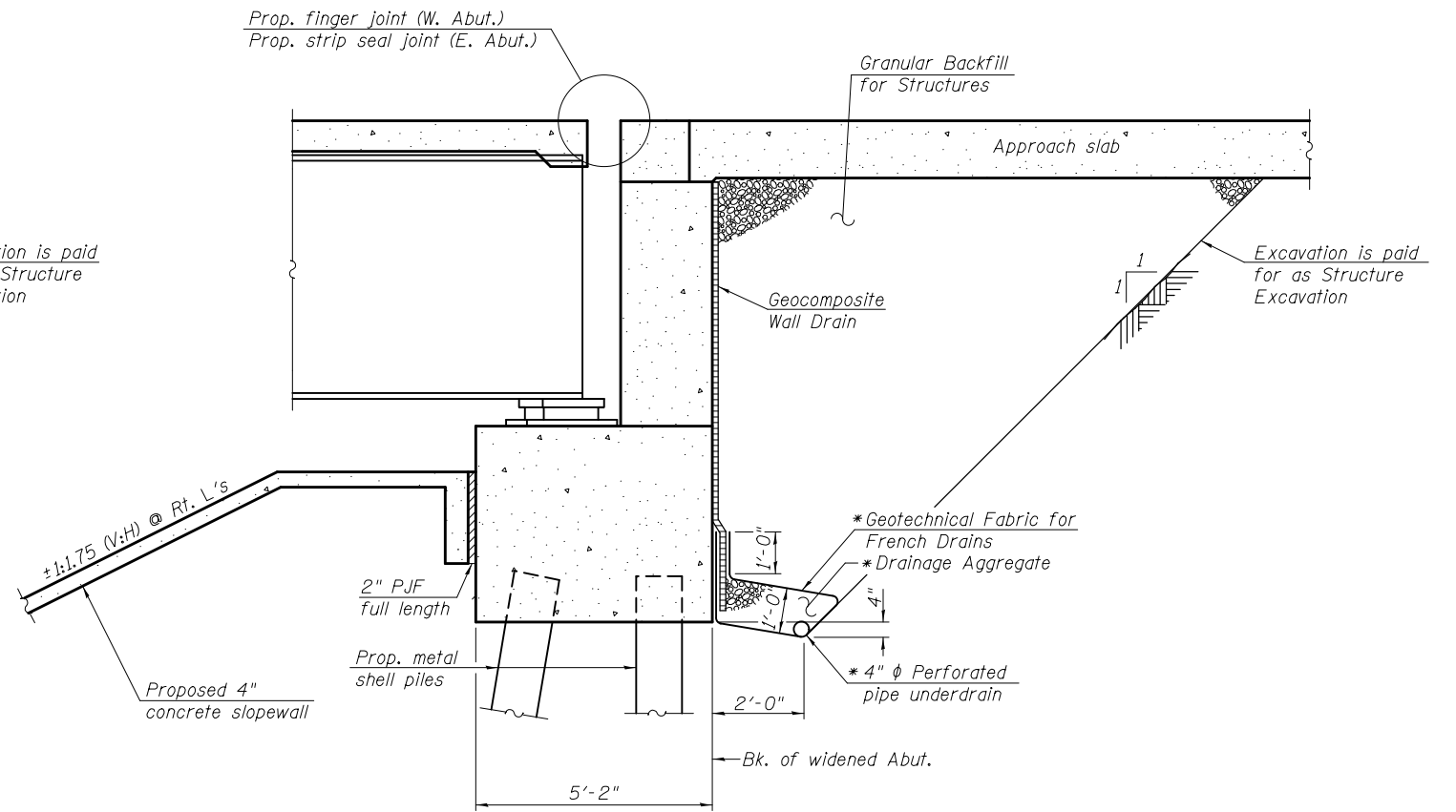


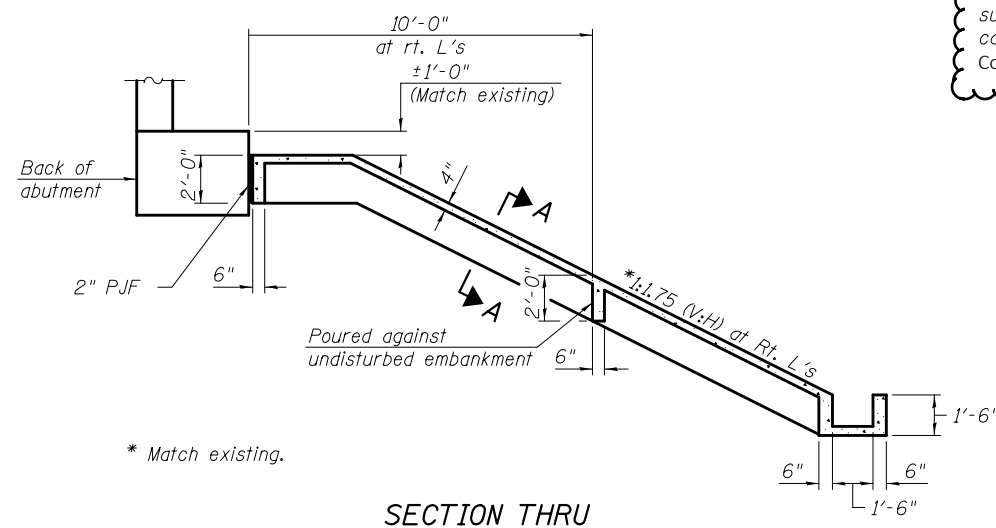
SECTION THRU EXISTING ABUTMENT
(Horiz. dim. @ Rt. L's)



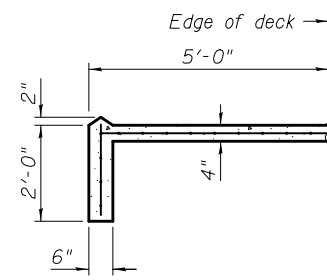
SECTION THRU ABUTMENT WIDENING
(Horiz. dim. @ Rt. L's)

*Included in the cost of Pipe Underdrains for Structures.
(See Special Provisions)

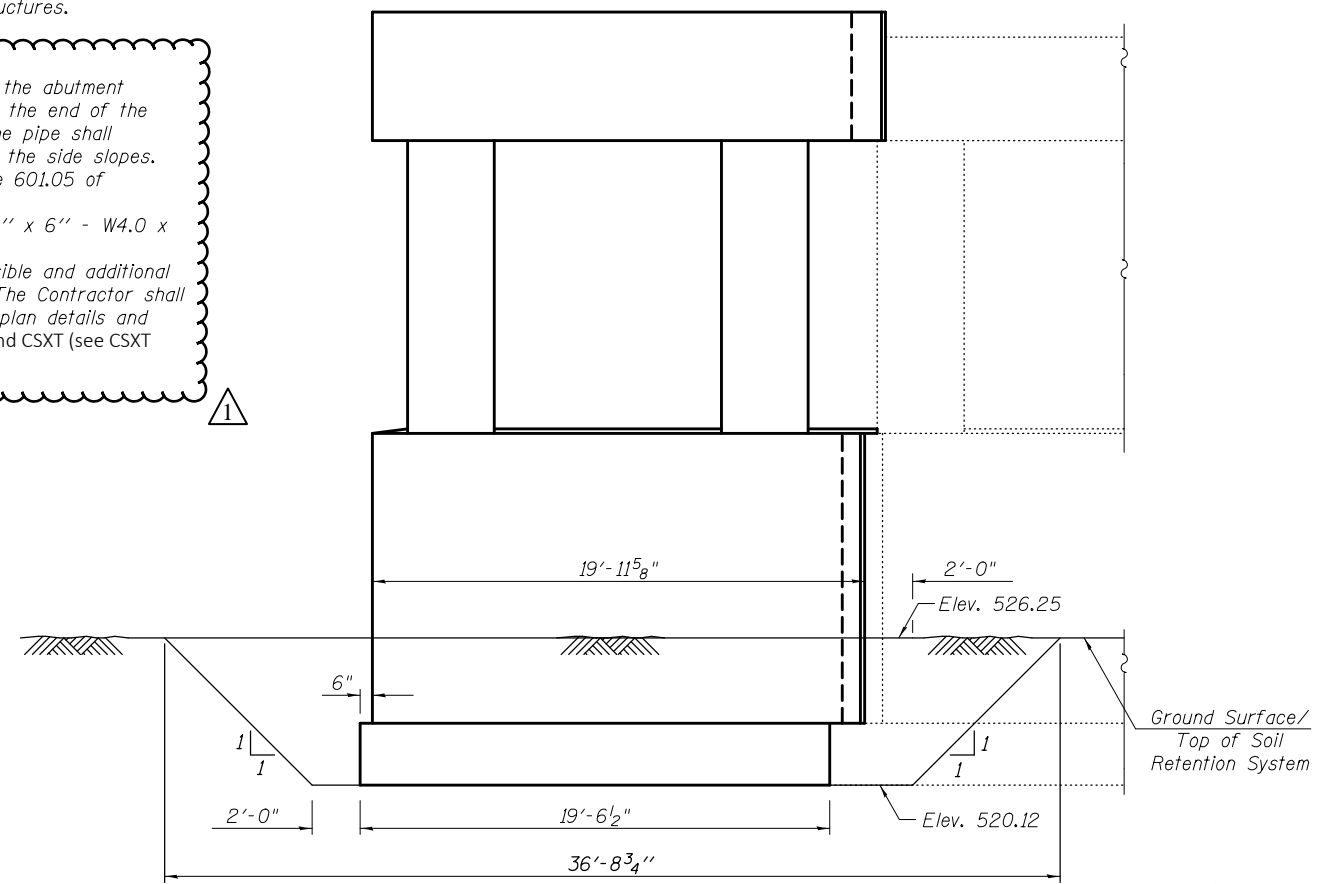
Note:
All drainage system components shall extend parallel to the abutment back wall until they intersect the wingwalls or 2'-0" from the end of the wingwalls when the wings are parallel to the abutment. The pipe shall extend under the wingwall, if necessary, until intersecting the side slopes. The pipes shall drain into concrete headwalls. (See Article 601.05 of the Standard Specifications and Highway Standard 60110).
Slopewall shall be reinforced with welded wire fabric, 6" x 6" - W4.0 x W4.0, weighing 58 lbs. per 100 sq. ft.
A cantilevered sheet piling design does not appear feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review and acceptance by the Engineer and CSXT (see CSXT Construction Submission Criteria issued February 23, 2015).



SECTION THRU CONCRETE SLOPEWALL



SECTION A-A



TEMPORARY SOIL RETENTION SYSTEM AT PIER 2

REV. 6-5-2017

SDATES \$TIMES

DESIGNED - Josue D. Ortiz-Varela	EXAMINED - <i>Joanne F. Joffe</i>	DATE - MAY 15, 2017
CHECKED - Nicholas R. Barnett	PASSED - <i>Carl King</i>	REVISOR
DRAWN - R. Laughlin	ENGINEER OF BRIDGES AND STRUCTURES	REVISOR
CHECKED - J.O.V. / N.R.B. / G.R.A.		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL DATA
STRUCTURE NO. 026-0022**
SHEET NO. 3 OF 52 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(26-3VB1)BR-1	FAYETTE	103	20
CONTRACT NO. 74518				
ILLINOIS FED. AID PROJECT				