SHEET NUMBER PROJECT NOTE: Construct underdrain with a grade of at least 0.5%. Existing top of cut - Cut slope Water seep Underdrain discharge pipe (Non-perforated) Underdrain pipe (Perforated) Ditch grade Underdrain discharge pipe (Non-perforated) **PROFILE VIEW** Cut slope Cut slope -See Section View Random backfill Water seep 12" lap Water seep Underdrain pipe diameter (D) Minimum Width (W) Ditch grade Diameter (D) (min.) **CROSS-SECTION** 12"  $\approx 1$ 6" 15" 2" to 4" Underdrain pipe diameter (D) U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY Granular backfill material for EFLHD DETAIL underdrain encapsulated with E605-03 Geotextile, Class 2, Type C SPECIFICATION FP-14 **UNDERDRAIN FOR SECTION VIEW** 

APPROVED FOR USE

05/2024

**CUT SLOPES** 

NO SCALE