| PROJECT REFERENCE | SHEET NO. |
|---|---|
| 17BP.5.R.70 – FRANKLIN 28 | EC-05/CONST.04 |
| ROADSIDE ENVIRONMENTAL PROJECT ENGINEER | |

LEVEL III CERTIFIED BY:
ALEXANDER D. SNIDER, PE
CERTIFICATION NUMBER: 3064
ISSUED: JANUARY 7, 2019

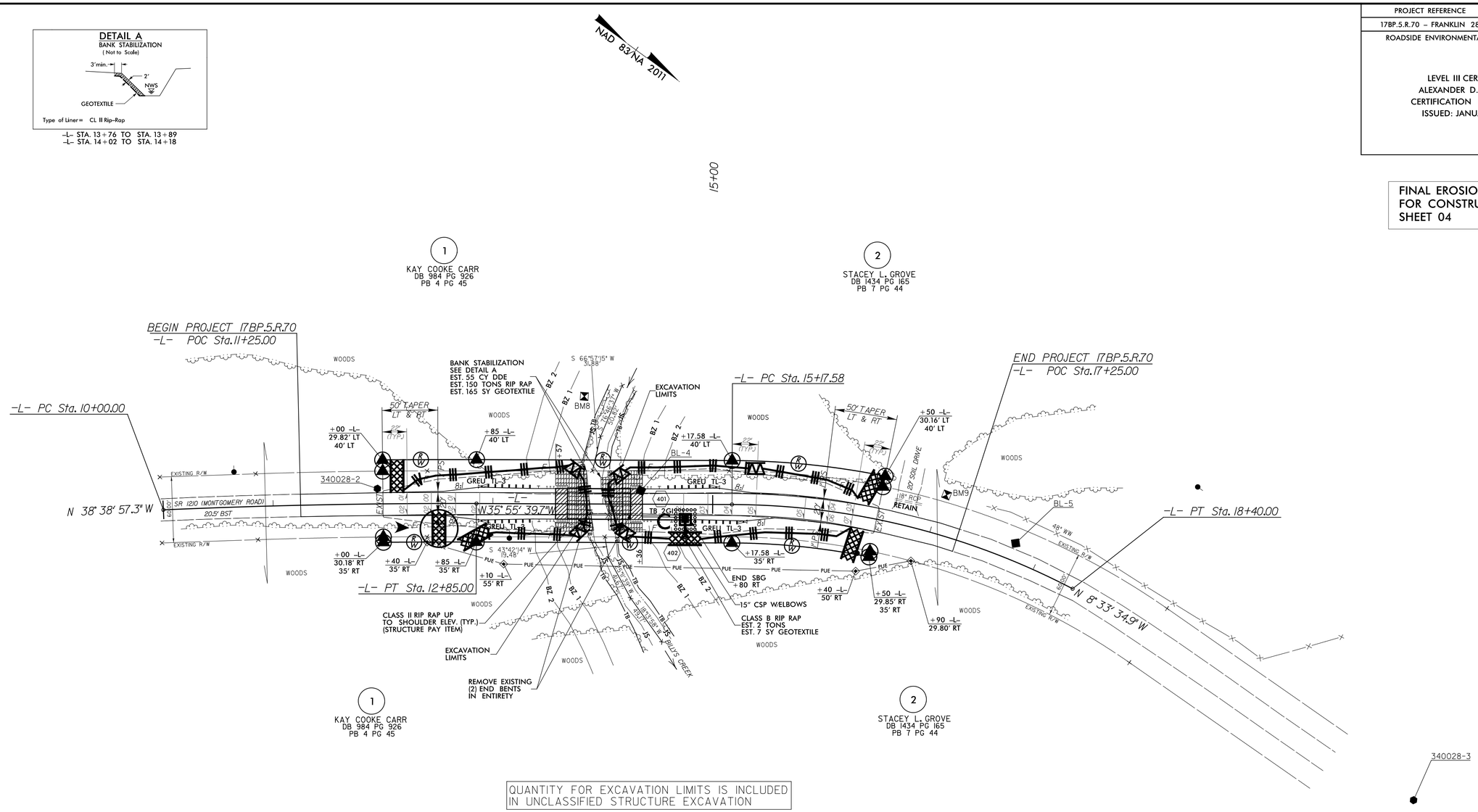
**FINAL EROSION CONTROL FOR CONSTRUCTION SHEET 04**

**DETAIL A**
BANK STABILIZATION
( Not to Scale)




Type of Liner= CL II Rip-Rap

–L– STA. 13+76 TO STA. 13+89
–L– STA. 14+02 TO STA. 14+18




QUANTITY FOR EXCAVATION LIMITS IS INCLUDED IN UNCLASSIFIED STRUCTURE EXCAVATION

–L–

| PI Sta 11+42.53 | PI Sta 16+81.93 |
|---|---|
| △ = 2° 43' 17.6" (RT) | △ = 27° 22' 04.9" (RT) |
| D = 0° 57' 17.7" | D = 8° 29' 17.7" |
| L = 285.00' | L = 322.42' |
| T = 142.53' | T = 164.35' |
| R = 6,000.00' | R = 675.00' |

NOTE:
ALL EROSION CONTROL DEVICES SHOWN ARE LOCATED WITHIN R/W OR EASEMENT.

7/1/2021 10:06:45 AM
J:\Hydro\DDC\Franklin_028\Hydraulics\Erosion Control\cadd\340028_hyd_erosion_final.dgn
HDR ENGINEERING, INC.