

8/17/99

CALYX
ENGINEERS + CONSULTANTS
6750 TRYON ROAD
CARY, NC 27518
phone: 919.851.1912
CALYXengineers.com
NC License # F-1333
INV OUT=51.8'

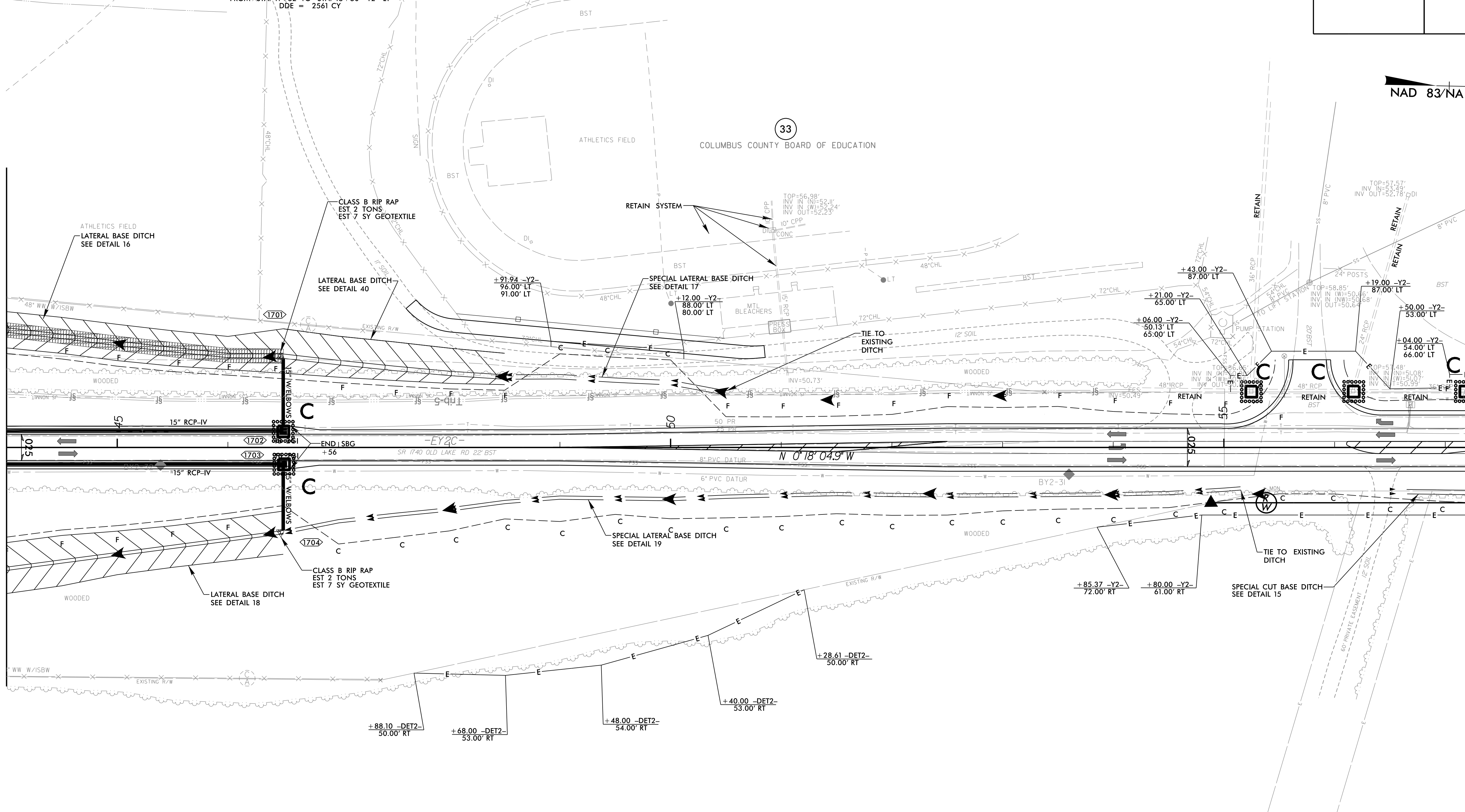
PROJECT REFERENCE NO. R-5819 /R-5820	SHEET NO. EC-53/CONST.17
R/W SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DETAIL 15 SPECIAL CUT BASE DITCH (Not to Scale) Natural Ground 3:1 D 4:1 or Flatter Front Ditch Slope Min. D=1.5 Ft. B=4.0 Ft. SEATS FROM STA. 56+50 TO STA. 68+50 -Y2- RT OUTLET	DETAIL 16 LATERAL BASE DITCH (Not to Scale) Natural Ground 3:1 D 1:1 Ft. GEOTEXTILE *When B is < 6'0" Type of Liner= CLASS B RIP RAP FROM STA. 41+52 TO STA. 48+50 -Y2- LT DDE = 2561 CY	DETAIL 17 SPECIAL LATERAL BASE DITCH (Not to Scale) Natural Ground 3:1 D 3:1 or Flatter Fill Slope Min. D=3.0 Ft. B=4.0 Ft. FROM STA. 48+50 TO STA. 50+50 -Y2- LT	DETAIL 18 LATERAL BASE DITCH (Not to Scale) Natural Ground 3:1 D 3:1 Fill Slope Min. D=2.0 Ft. B=3.0 Ft. b=5.0 Ft. FROM STA. 41+62 TO STA. 46+50 -Y2- RT DDE = 3404 CY	DETAIL 19 SPECIAL LATERAL BASE DITCH (Not to Scale) Natural Ground 3:1 D 3:1 or Flatter Fill Slope Min. D=1.5 Ft. B=3.0 Ft. FROM STA. 46+50 TO STA. 55+15 -Y2- RT	DETAIL 40 LATERAL BASE DITCH (Not to Scale) Natural Ground 3:1 D 3:1 Fill Slope Min. D=4.0 Ft. B=4.0 Ft. b=5.0 Ft. FROM STA. 46+50 TO STA. 48+50 -Y2- LT DDE = 1062 CY
--	--	--	---	--	---

NAD 83/NA 2011

MATCHLINE -Y2- STA. 44+00.00
SEE SHEET 11

MATCHLINE -Y2- STA. 57+25.00
SEE SHEET 18



Place Matting for Erosion Control
on Slope as Work Allows.
Sta. 44+00 to Sta. 50+00 -Y2- LT
Sta. 44+00 to Sta. 48+50 -Y2- RT

UTILIZE FABRIC INSERT INLET
PROTECTION DEVICES IN
LIEU OF ROCK INLET SEDIMENT
TRAPS, TYPE - C AS
DIRECTED TO AVOID IMPOUNDMENT
OF RUNOFF IN ROADWAY OPEN
TO TRAFFIC

NOTES:
PROPPED SHOULDER
FOR -Y2- PROFILE, SEE SHEET 33 & 34

REVISIONS

3/14/2022
R5819_R5820_REU_EC_PSH17_FINAL.dgn
R5819.dgn

32
RMS TIMBERLANDS, LLC