PROJECT REFERENCE NO.	SHEET NO.
R-5020B	EC-23/CONST12
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

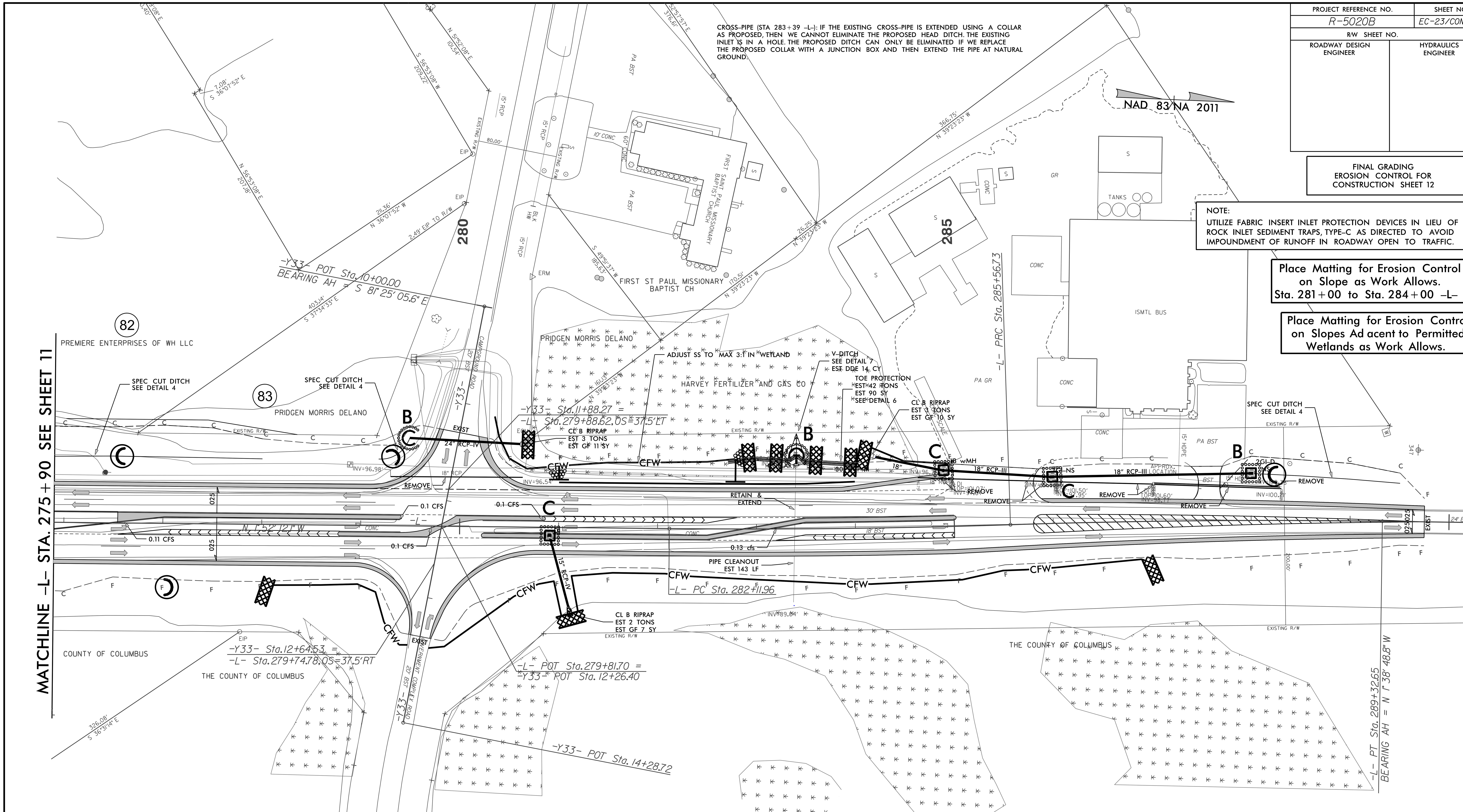
FINAL GRADING
EROSION CONTROL FOR
CONSTRUCTION SHEET 12

NOTE:
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.

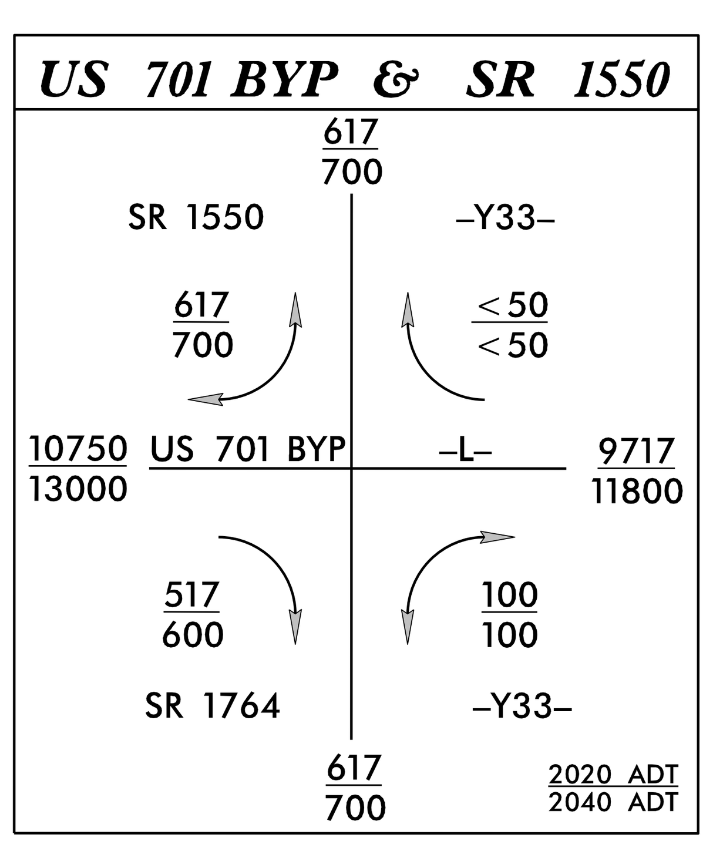
Place Matting for Erosion Control on Slope as Work Allows.
Sta. 281+00 to Sta. 284+00 -L- LT

Place Matting for Erosion Control on Slopes Ad acent to Permitted Wetlands as Work Allows.

CROSS-PIPE (STA 283+39 -L-): IF THE EXISTING CROSS-PIPE IS EXTENDED USING A COLLAR AS PROPOSED, THEN WE CANNOT ELIMINATE THE PROPOSED HEAD DITCH. THE EXISTING INLET IS IN A HOLE. THE PROPOSED DITCH CAN ONLY BE ELIMINATED IF WE REPLACE THE PROPOSED COLLAR WITH A JUNCTION BOX AND THEN EXTEND THE PIPE AT NATURAL GROUND.



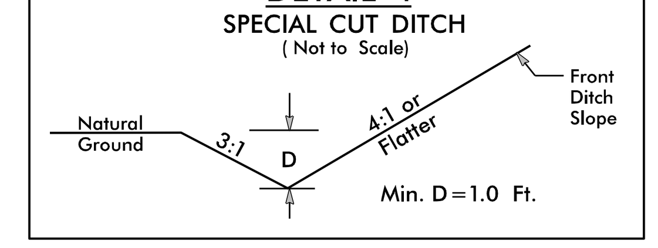
NAD 83/NA 2011
MATCHLINE -L- STA. 275+90 SEE SHEET 11
280
285
FIRST SAINT PAUL MISSIONARY BAPTIST CHURCH
FIRST ST PAUL MISSIONARY BAPTIST CH
PREMIERE ENTERPRISES OF WH LLC
PRIDGEN MORRIS DELANO
HARVEY FERTILIZER AND GAS CO
ISMTL BUS
TANKS
THE COUNTY OF COLUMBUS
COUNTY OF COLUMBUS
-Y33- POT Sta. 10+00.00
BEARING AH = S 81° 25' 05.6" E
-Y33- Sta. 11+88.27 =
-L- Sta. 279+88.62, OS=37.5' LT
-Y33- Sta. 12+64.53 =
-L- Sta. 279+74.78, OS=37.5' RT
-L- POT Sta. 279+81.70 =
-Y33- POT Sta. 12+26.40
-Y33- POT Sta. 14+28.72
-L- PC Sta. 282+11.96
-L- PRC Sta. 285+56.73
-L- PT Sta. 289+32.65
BEARING AH = N 1° 38' 48.8" W
SPEC CUT DITCH SEE DETAIL 4
ADJUST SS TO MAX 3:1 IN WETLAND
V-DITCH SEE DETAIL 7 EST DDE 14 CY
TOE PROTECTION EST 42 TONS EST 90 SY SEE DETAIL 6
CL B RIPRAP EST 3 TONS EST GF 10 SY
CL B RIPRAP EST 3 TONS EST GF 11 SY
CL B RIPRAP EST 2 TONS EST GF 7 SY
RETAIN & EXTEND
PIPE CLEANOUT EST 143 LF
REMOVE
CFW
0.1 CFS
0.11 CFS
0.13 cfs
18" RCP-III
24" RCP-IV
15" RCP-IV



-L-

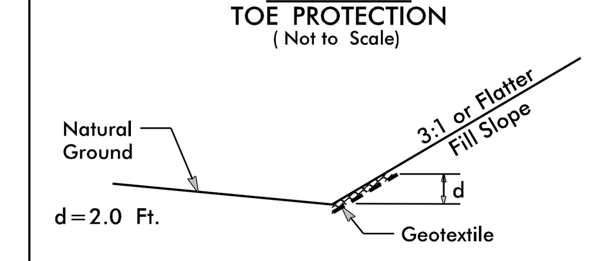
PI Sta 283+84.67	PI Sta 287+45.02
Δ = 2° 28' 09.1" (LT)	Δ = 2° 41' 32.3" (RT)
D = 0° 42' 58.3"	D = 0° 42' 58.3"
L = 344.76'	L = 375.92'
T = 172.41'	T = 187.99'
R = 8,000.00'	R = 8,000.00'
SE = .025	SE = .025

DETAIL 4
SPECIAL CUT DITCH
(Not to Scale)



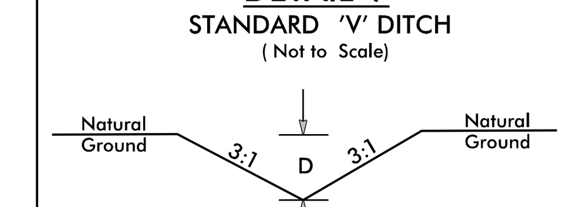
FROM STA. 274+50 -L- TO STA. 278+00 -L- LT
FROM STA. 279+17 -L- TO STA. 279+49 -L- LT
FROM STA. 288+00 -L- TO STA. 289+50 -L- LT

DETAIL 6
TOE PROTECTION
(Not to Scale)



FROM STA. 282+71 -L- TO STA. 284+00 -L- LT

DETAIL 7
STANDARD 'V' DITCH
(Not to Scale)



STA. 283+40 -L- LT

FOR -L- PROFILE, SEE SHEET 19